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Four new species of spittlebugs from French Guiana of the genus *Maxantonia* Schmidt, 1922 and *Catrimania* Fennah, 1968 (Hemiptera: Cercopoidea: Ischnorhinidae)

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French Guiana.

Abstract. – Four new species of neotropical spittlebugs (Hemiptera: Cercopoidea: Ischnorhinidae) from French Guiana are described and illustrated. Three in the genera *Maxantonia* Schmidt, 1922: *M. dachinensis* **sp. n.**, *M. durantoni* **sp. n.**, *M. lactinea* **sp. n.**; and one in the genera *Catrimania* Fennah, 1968: *C. arcada* **sp. n.** The male of *Monecphora longitudinalis* Lallemand, 1924 is also described and illustrated for the first time. Maps show the known distribution of the new species and two closely related species present in the area studied: *Catrimania albifascia* Paladini & Cryan, 2012 and *Maxantonia pallida* Lallemand, 1924. Specimens have been collected mainly by light trap, during expeditions of SEAG (Société Entomologique Antilles-Guyane), or during personal prospecting, representing a total of 270 specimens. A portion of the specimens examined are from the private collection of Michel Duranton. Twenty specimens are barcoded (BOLD, MEMGU project, Marker COI-5P), including at least one specimen from each of the seven species studied in this paper. Results of the molecular analyses, along with a barcode ID tree, are presented. Holotypes and a portion of the paratypes of the new species are deposited at the MNHN (Paris, France). A list of Ischnorhinidae from French Guiana is also presented, recording 30 species.

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Introduction

Cercopoidea have been poorly studied and collected in French Guiana. Lallemand and Nast have described some species from French Guiana at the beginning of 20th century. Since then, only Paladini & Cryan (2012) have published on this superfamily in this area, with the description of two species from Kaw Mountain: *Catrimania albifascia* Paladini & Cryan, 2012 and *Ischnorhina hamiltoni* Paladini & Cryan, 2012.

Matériel et méthodes

Origin of the biological material examined

Following consultation of two reference collections of Cercopoidea from French Guiana, and comparing with close species (Carvalho, Sakakibara & Webb, 2016 ; Carvalho & Webb, 2005 ; Lallemand, 1924), several specimens were identified as new species to science. These private collections were set up following surveys of the territory from 1983 onwards for the collection of Michel Duranton, with vast majority of specimens coming from light traps. The collection of Jérémie Lapèze was largely supplied by the collecting by the Société Entomologique Antilles Guyane (SEAG) carried out between 2015 and 2025, supplemented by numerous personal surveys. Most of the specimens were collected using light traps (Fig. 13), Malaise interception traps, automatic light traps and visual surveys of vegetation. Specimens collected were prepared, glued on cards, or double-mounted on minutia pins. The genitalia of some species were dissected and glued on transparent pads. The database includes all specimens examined in collections and individuals observed in the field. For the seven species presented in this article, the database contains 270 individuals, corresponding to 136 collecting events. Some specimens could not be sexed, such as specimens mounted on slides in collections, data from photographs, and individuals observed but not collected.

Molecular analyses

In collaboration with the MNHN, and in the frame of FEDER InFoBioS project (EX011185) (Insect-forest interactions: an opportunity for preserving biodiversity and the forestry of tomorrow), 154 specimens of Ishnorhinidae were sent to the Canadian Centre for DNA Barcoding (CCDB) at the University of Guelph, Ontario, Canada, for barcoding using single-molecule real-time sequencing (SMRT) (Hebert et al., 2018) on the PacBio Sequel platform (Pacific Biosciences, Menlo Park, CA, USA). A fraction of a leg from each specimen was excised to perform the molecular analyses. The inter- and intra-specific divergence of the sequences obtained was calculated using the Barcode of Life Data System (BOLDv4, www.barcodinglife.org) and Barcode Index Numbers (BINs) were assigned automatically using the Refined Single Linkage (RESL) algorithm in BOLD v4 (Ratnasingham & Hebert, 2013). DNA sequences, together with specimen data, images, and associated files, are available in BOLD. The COI sequences were analyzed using the neighbor-joining method with 1,000 bootstrap replicates in MEGA12 (Kumar et al, 2024). The results of molecular analyses and comparisons of genitalia confirmed that the *Maxantonia* species described here are very closely related but distinct species, and that this is not a case of color polymorphism, which is common in many species of cercopid.

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Type specimen repository

Holotype specimens and barcoded specimens are deposited at the MNHN (Paris, France); other paratype specimens are conserved in the original private collections.

Abbreviations

MNHN: Muséum National d'Histoire Naturelle (Paris, France)
SEAG: Société Entomologique Antilles-Guyane (Rémire-Montjoly, French Guiana)
PK: point kilométrique
JLPZ: Collection Jérémie Lapèze (Kourou, French Guiana)
CMD: Collection Michel Duranton (Kourou, French Guiana)

Classification

Cercopoidea Leach, 1815

Ischnorhinidae Schmidt, 1920

Catrimania Fennah, 1968

Generic Diagnosis. – Postclypeus inflated with one prominent, longitudinal carina and slightly marked lateral grooves; subgenital plates with an elongated, acute basal process; paramere with one subapical spine directed anteriorly; aedeagus either lacking processes and bearing many small spines (as in *C. semivitrea*) or with broad ventral process and bearing spines only apically (as in *C. longula*).

Distribution. – Brazil, Costa Rica, Ecuador, French Guiana, Peru and Suriname.

Catrimania albifascia Paladini & Cryan, 2012

(Fig. 1)

Material examined. – **136** specimens (Appendix 1).

Type locality. – French Guiana: Kaw Mountain.

Diagnosis. – Head yellowish, postclypeus inflated and convex in profile, with one low longitudinal carina; thorax yellowish, pronotum lacking median carina, forewing yellowish with bold dark brown venation and a white transverse band in the basal third, cross veins in the apex absent.

Measurements (mm) from original description.
– body length: ♀ 6.5, ♂ 6.8-6.9;
– pronotal length: ♀ 2.0, ♂ 1.3-1.4;
– forewing length: ♀ 5.0, ♂ 5.0-5.1;
– maximum width of head, including eyes: ♀ 1.3, ♂ 0.9-1.0;
– width between humeral angles: ♀ 1.7, ♂ 2.0.

Distribution. – French Guiana.

Remark. – This species was described based on a series of specimens collected on Montagne de Kaw (French Guiana). Recent surveys have extended the known distribution of this species to many other sites in French Guiana (Fig. 8). This species is therefore widely distributed in French Guiana, and is likely to be found in neighboring countries too. One record has already been collected from Suriname : Tapanahoni, Lely mountain.
There is no marked sexual dimorphism, apart from a slightly smaller body length in the female. Specimens were sexed by consulting the last abdominal segment.
The male/female sex ratio was 37/11 for the 48 specimens collected with light traps on the SURVEY project. These results are similar to those observed for other cercopid species, with males 2 to 3 times more represented in light trap collections: *Laccogrypota valida*: 38/20; *Maxantonia* spp.: 188/98.
Catrimania albifascia is the most common species of the genus in French Guiana.

Ecology. – A light-trap survey (SURVEY project, SEAG/OFB) carried out by Jérémie Lapèze and Nino Page on the Réserve Naturelle Trésor enabled standardized data to be collected over a 2-year period. Sampling consisted of 3 consecutive nights of light trapping every quarter. The species is well represented on the Réserve Naturelle Trésor (Montagne de Kaw), but local population densities are highly variable. The species could be detected throughout the year and does not seem to have any marked seasonality.
The species is mainly detected using light traps or automatic light traps. A few specimens are also caught using interception traps such as the 6-meters Malaise Trap or SLAM.
As with many cercopid species, the habits and ecology of this species are still unknown.

DNA Barcoding (Fig. 11)

2 specimens barcoded: JLPZ0978, JLPZ1196. Genetically, the nearest neighbor species is *Catrimania* sp. with a genetic distance of 9.78% (Tab. 1 & 2).
BIN URI BOLD:AER0226
Results for Sample ID: **JLPZ0978**; **Process ID**: **MEMGU1073-22**
COI-5P
Nucleotide Sequence
ACTATATTTTATATTGGGAATATGATCAGGAATAATTGGAATAATA
TTAAGCATATTAATTCGAGTAGAATTAAATCAACCTGGATCAATA
ATTGGAGATGATCAAATCTATAATGTAATTGTGACATCTCATGCTT
TTATCATAATTTTTTTTATAGTTATACCAATTATAATTGGAGGATTT
GGAAATTGACTAGTTCCGTTAATAATTGGAGCTCCTGATATAGCA
TTCCCACGAATAAATAATATAAGATTCTGAATATTACCCCCATCA
ATTACATTATTATTATCAAGAAGAATAATTGATAGAGGTGTAGGT
ACAGGCTGAACAGTTTATCCTCCATTATCAGAAAATTTAGGTCAT
TCAGGGTCATGTGTAGACTTAGCTATTTTCTCTTTACATTTAGCT
GGAATCTCATCAATCTTAGGAGCAGTAAATTTTATCACCACAATC
TTAAATATACGAACAATAGGAATAAAACTTGACCGAACTCCCCT
ATTTGTTTGGGCAGTTTTAATCACCGCTATTTTACTATTATTATCA
CTACCAGTATTAGCTGGAGCTATTACTATACTATTAACAGATCGA
AATTTAAATACTTCTTTTTTTGATCCAGCAGGAGGAGGAGACCC
AATTTTATACCAACACTTAT
Amino Acid Sequence
LYFMLGMWSGMIGMMLSMLIRVELNQPGSMIGDDQIYNVIVTSH
AFIMIFFMVMPIMIGGFGNWLVPLMIGAPDMAFPRMNNMSFWML
PPSITLLLSSSMIDSGVGTGWTVYPPLSENLGHSGSCVDLAIFSLHL
AGISSILGAVNFITTILNMRTMGMKLDRTPLFVWAVLITAILLLLSLP
VLAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLX

Catrimania arcada **sp**. **n**.

(Fig. 2)

ZooBank : https://zoobank.org/2C96541A-0791-4ACF-8AB0-A5980D510F65

Holotype, ♂, "Guyane Française: Saül: Bourg de Saül; GPS: 3.62277N, 53.216043W; 21.XI.2022; light trap; Jérémie Lapèze leg." deposited at the MNHN.

Paratypes (**12** ♂, Appendix 2).

Additional material

3 specimens recorded from Suriname: Tapanahoni, Lely mountain, airstrip 700 m.

Type locality. – French Guiana: Saül: Bourg de Saül (3.62277N, 53.216043W).

Diagnosis. – Forewing yellowish with a white transverse band in the basal third and with inconspicuous venation. Subgenital plates arched towards the middle, almost touching at their tips, forming an arch and revealing the parameres in posterior view.

Description. Male.

Head. – Orangish, with the apex of rostrum black; antennae black; compound eyes brown; ocelli dark red, closer to each other than to compound eyes.

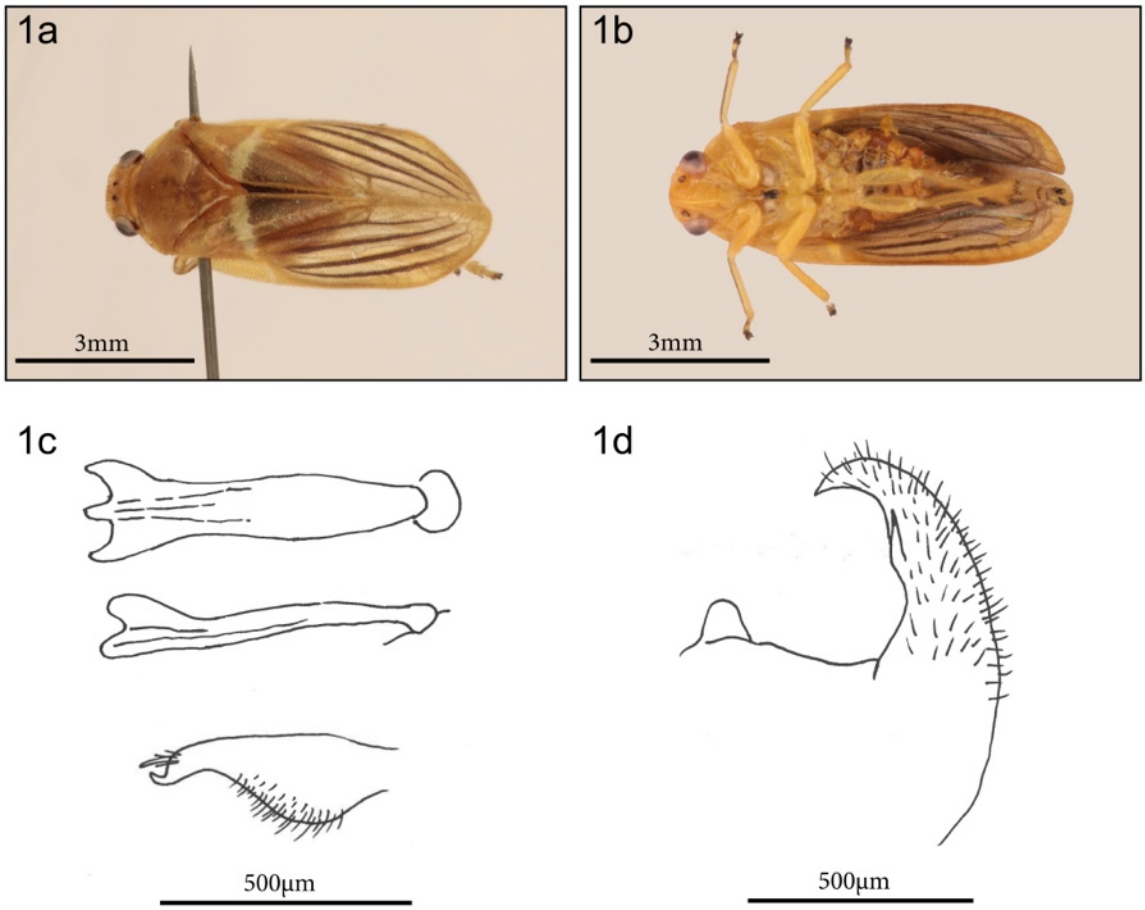

Figure 1. *Catrimania albifascia* ♂. **1a**. Dorsal view. **1b**. Ventral view. **1c**. Aedeagus dorsal view, aedeagus lateral view, paramere. **1d**. Pygofer and subgenital plates, lateral view.

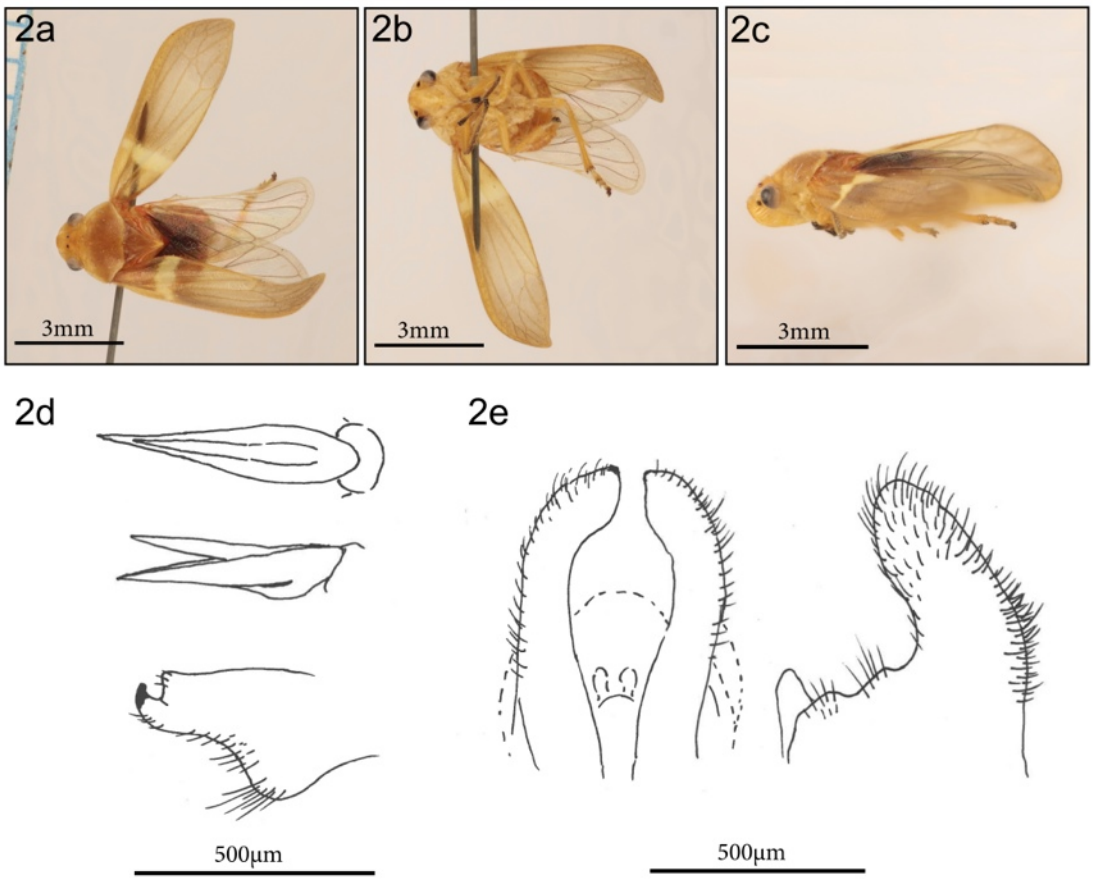

Figure 2. Holotype ♂ *Catrimania arcada* **sp**. **n**. **2a**. Dorsal view. **2b**. Ventral view. **2c**. Lateral view. **2d**. Aedeagus dorsal view, lateral view, paramere. **2e**. Pygofer and subgenital plates, posterior and lateral view.

Thorax. – Pronotum yellowish-orange, hexagonal, lacking median carina; scutellum orangish; tegmina brownish with white band in basal third; hindwings hyaline with dark brown venation; legs orangish with prothoracic tibia and tarsomeres black;

Abdomen. – Orangish.

Genitalia. – Subgenital plates (Fig. 2e) arched towards the middle, almost touching at their tips, forming an arch and revealing the parameres in posterior view.; parameres (Fig. 2d) large, with basal protuberance and small spine at the apex; aedeagus (Fig. 2d) long and sharp, gradually tapering to the apex, forming a groove, with the concave part facing dorsally, serving as a sheath for a very sharp internal projection, flattened laterally and almost as long as the main projection.

Female. – Unknow.

Measurements (mm), holotype ♂.
– total length: 7.5;
– head length: 0.6;
– maximum width of head, including eyes: 1.6;
– pronotal length: 1.3;
– width between humeral angles: 2.3;
– scutellum length: 1.1;
– forewing length: 6.0.

Distribution. – French Guiana, Suriname.

Remarks. – *Catrimania arcada* **sp**. **n**. resembles *C. albifascia* by having a white band on the basal third, but differs by absence of bold dark venation.

Ecology. – Unknow.

Etymology. – The Latin name *arcada* refers to the subgenital plates that form an arch in posterior view.

DNA Barcoding (Fig. 11)

4 specimens barcoded: JLPZ0956, JLPZ0972, JLPZ1003, JLPZ1712. Genetically, the nearest neighbor species is *Catrimania* sp. with a genetic distance of 8.97% (Tab. 1 & 2).
BIN URI BOLD:AER0225
Results for Sample ID: **JLPZ1712**; **Process ID**: **MEMGU1712-23**
COI-5P
Nucleotide Sequence
ATTATATTTCATTTTAGGAATATGATCAGGAATAATTGGAATAATA
TTAAGCATATTAATTCGAATTGAATTAAGTCAACCAGGATTAATA
ATTGGAAATGATCAAATTTATAATGTAATTATTACTTCTCATGCTT
TTATTATAATTTTTTTTATGGTAATACCAATTATAATTGGGGGATT
TGGAAATTGGTTAATTCCATTAATAATTGGGGCTCCTGATATGGC
GTTTCCACGAATAAATAATATAAGTTTTTGAATATTACCTCCTTC
AATTACATTATTATTATCAAGAAGAATAATTGATAATGGAGTAGG
TACAGGTTGAACTGTATATCCTCCATTATCTAGAAATTTAGGAC
ATTCAGGTTCATGTGTTGATTTAGCTATTTTCTCTTTACATTTGG
CTGGTATTTCATCAATTTTAGGAGCAGTAAATTTTATTACAACTA
TTTTAAATATACGAGTAATTGGAATAAAACTCGATCGAACTCCA
TTATTTGTTTGAGCAGTATTAATTACTGCTATCTTATTATTATTATC
TTTACCAGTATTAGCAGGGGCTATTACAATATTATTGACCGATCG
AAACTTAAATACATCCTTTTTTGACCCTGCAGGAGGGGGTGAT
CCTATTTTATATCAACACTTAT
Amino Acid Sequence
LYFILGMWSGMIGMMLSMLIRIELSQPGLMIGNDQIYNVIITSHAF
IMIFFMVMPIMIGGFGNWLIPLMIGAPDMAFPRMNNMSFWMLPP
SITLLLSSSMIDNGVGTGWTVYPPLSSNLGHSGSCVDLAIFSLHLA
GISSILGAVNFITTILNMRVIGMKLDRTPLFVWAVLITAILLLLSLPV
LAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLX

Maxantonia Schmidt, 1922

Generic Diagnosis. – The postclypeus bears two smaller carinae in addition to the typical median carina, giving the appearance that the postclypeus has three longitudinal carinae; the pygofer bears two processes between the anal tube and the subgenital plates; paramere sub-rectangular, with the dorsal process strongly developed and subapical spine either directed anteriorly or posteriorly; aedeagus subcylindrical with straight shaft and with two pairs of apical processes (short, wide, and hood-shaped). First valvulae of ovipositor with a conspicuous and recurved basal process.

Distribution. – Argentina, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guyana, Panama, Peru, and Suriname.

Maxantonia dachinensis **sp**. **n**.

(Fig. 3)

ZooBank : https://zoobank.org/28BFEB2F-F5E2-48C9-9EFE-024D64223975

Holotype, ♂, "Guyane française: Saül: [Inselberg] Roche Dachine; GPS: 3.469522N, -53.228262W; 27.X.2022; light trap; Jérémie Lapèze et al. (SEAG) leg." yellow label, barcoding projet :"BOLD MEMGU, CCDB-44060 A11, JLPZ1721" deposited at the MNHN.

Paratypes (**12** ♂, **2** ♀, Appendix 3).

Type locality. – French Guiana: Saül: Roche Dachine (3.469522N, -53.228262W).

Diagnosis. – General coloration brownish and yellow. Forewing brown, with two yellow subtriangular spots, the first basal, on the intern margin, the second, smaller, at second third, on the external margin. Pronotum brown with yellow band on anterior third.

Description. Male.

Head. – Vertex black with yellow rounded spot between ocelli and anterior margin; postclypeus yellowish with pit antenna and space between them black; apex of rostrum, grimy, reaching median coxa; antennae black, basal body of flagellum yellow, ovoid, with one arista shorter than pedicel; ocelli pale, closer to each other than to compound eyes.

Thorax. – Pronotum brownish, hexagonal, with median carina very slight; shiny, short, sparse pilosity, quasi-absent in centro-posterior area; scutellum brownish; forewing brown, with two yellow subtriangular spots, the first basal, on the intern margin, the second, smaller, at second third, on the extern margin; sternum and legs yellowish; apex of anterior femur, anterior tibia and anterior tarsis, black; median tibia progressively blacker, from base to apex; posterior legs entirely yellowish, with two spine on the tibia, first one at the base, second one, twice as long, in the middle; both spines inclined towards apex, with extremity black.

Abdomen. – Orangish.

Genitalia. – Pygofer. Acute triangular process between anal tube and subgenital plates; subgenital plates (Fig. 3f) long with intern margin very sinuous; parameres (Fig. 3e) bent at the tip, without spines or developed projection; aedeagus (Fig. 3e) with, near to apex, two long lateral projections, slightly swollen at the apex. General shape is reminiscent of an arrowhead symbol, with two small projections at the apex.

Female. – Like the male in color and proportion.

Measurements (mm), holotype ♂ / paratype ♀.
– total length: 9.4/8.8;
– head length: 0.7/0.9;
– maximum width of head, including eyes: 1.9/1.9;
– pronotal length: 1.6/1.5;
– width between humeral angles: 2.9/2.8;
– scutellum length: 1.5/1.4;
– forewing length: 7.5/6.7.

Distribution. – French Guiana.

Remarks. – This species resembles *Zuata carvalhoi* Paladini & Cryan, 2012 in general morphology and coloration; however *Z. carvalhoi* has only one spot on its forewings and yellow markings near the eyes, whereas *M. dachinensis* **sp**. **n**. has two spots on each wing, one basal and one on the costal margin of the second third, and has a central yellow spot on the vertex.

Ecology. – Unknow.

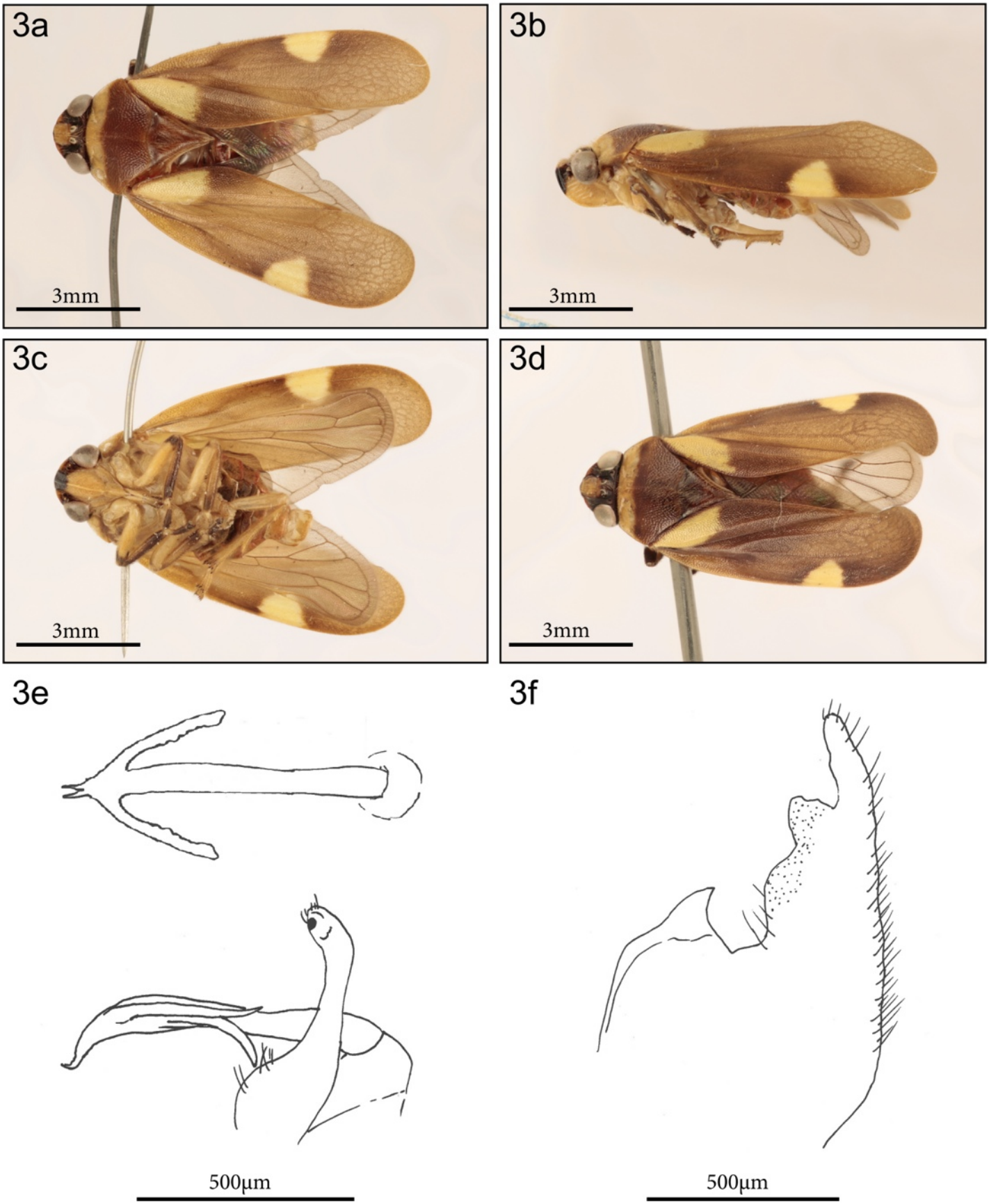

Figure 3. Holotype ♂ and paratype ♀ *Maxantonia dachinensis* **sp**. **n**. **3a**. ♂, dorsal view. **3b**. ♂, lateral view. **3c**. ♂, ventral view. **3d**. ♀, dorsal view. **3e**. Aedeagus dorsal view, aedeagus lateral view and paramere. **3f**. Pygofer and subgenital plates, lateral view.

Etymology. – The specific name "*dachinensis*" refers to the type locality "inselberg Roche Dachine" (Fig. 12), which is at this date, the only locality know for this species.

DNA Barcoding (Fig. 11)

2 specimens barcoded: JLPZ1715, JLPZ1721. Genetically, the nearest neighbor species is *Monecphora lactinea* with a genetic distance of 5.45% (Tab. 1 & 2).
BIN URI BOLD:AFS4317
Results for Sample ID: **JLPZ1721**; **Process ID**: **MEMGU1721-23**
COI-5P
Nucleotide Sequence
ATTATATTTCATGTTTGGGATTTGATCTGGAATAATTGGAACAAC
ATTAAGATTATTGATTCGAATTGAATTAGGTCAACCAGGATCAA
TAATTGGAGATGATCAAATCTATAATGTAATCGTAACATCACATG
CATTTATTATAATCTTTTTTATAGTTATACCAATTATAATTGGAGG
CTTTGGAAATTGATTAATTCCATTAATAATTGGAGCTCCTGATAT
AGCTTTCCCACGAATAAATAATATAAGATTTTGAATATTACCTCC
ATCAATTACATTATTATTATCAAGAAGAATAATTGATAATGGTGT
AGGAACAGGATGAACAGTTTATCCACCACTATCAAGAAATTTA
GGTCACACAGGATCATGTGTTGATTTAGCTATTTTCTCTTTACAT
CTAGCTGGAATCTCATCAATTCTTGGTGCAGTAAATTTTATTACA
ACAATTTTAAATATACGAGTTAGAGGTATAAAATTAGACCGAAC
TCCTTTATTTGTATGAGCAGTAATAATTACTGCCATTCTATTACTT
CTATCATTACCAGTATTAGCAGGTGCAATTACTATACTATTAACA
GATCGAAATTTAAATACTTCTTTTTTTGATCCTGCTGGAGGAGG
AGATCCAATTTTATATCAACATTTAT
Amino Acid Sequence
LYFMFGIWSGMIGTTLSLLIRIELGQPGSMIGDDQIYNVIVTSHAF
IMIFFMVMPIMIGGFGNWLIPLMIGAPDMAFPRMNNMSFWMLP
PSITLLLSSSMIDNGVGTGWTVYPPLSSNLGHTGSCVDLAIFSLH
LAGISSILGAVNFITTILNMRVSGMKLDRTPLFVWAVMITAILLLL
SLPVLAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLX

***Maxantonia durantoni* sp. n.**

(Fig. 4)

ZooBank : https://zoobank.org/1076D56F-42CE-4C11-B428-C82BBA6305BA

Holotype, ♂, "Guyane française: Roura: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; 14.VIII.2020; light trap; Franck Sonzogni & Frédéric Robin leg." yellow label, barcoding projet :"BOLD MEMGU, CCDB-38896 A5, JLPZ0955" deposited at the MNHN.

Paratypes (**14** ♂, **6** ♀, Appendix 4).

Type locality. – French Guiana: Roura: Montagne des Chevaux (4.745346N, -52.432086W).

Diagnosis. – Small. General coloration brown. Small spot red vermilion adjoining the external margin at second third of forewing. External base and anterior third of pronotum yellowish.

Description.

Head. – Vertex brown with yellow rounded spot adjoining the anterior margin; posclypeus yellowish with pit antenna and space between them brown; apex of rostrum, grimy, reaching base of median femur; antennae black, basal body of flagellum yellow, ovoid, with one arista shorter than pedicel; ocelli black, closer to each other than to compound eyes.

Thorax. – Pronotum brownish, hexagonal; shiny, short, sparse pilosity, evenly distributed; angle antero lateral yellowish; scutellum brownish; Forewing brown, with red vermilion spot, at second third, on the extern margin; yellow suffusion on the margin basal forewing; sternum and legs yellowish; tibias slightly brownish; Hindwing hyaline, with small red suffusion at the base.

Abdomen. – Red brownish.

Genitalia. – Male: Pygofer acute triangular process between anal tube and subgenital plates; subgenital plates (Fig. 4f) long with, on the internal margin, one pronounced intermediate lobe; parameres (Fig. 4e) slightly curved at the end, ending in two small claws; aedeagus (Fig. 4e) with three long projections, two laterals, almost straight, and one anterior, curved. General shape reminiscent of a harpoon.

Female. – Like the male in color and proportion.

Measurements (mm), holotype ♂ / paratype ♀.
– total length: 6.9/7.4;
– head length: 0.7/0.8;
– maximum width of head, including eyes: 1.6/1.7;
– pronotal length: 1.2/1.3;
– width between humeral angles: 2.2/2.3;
– scutellum length: 0.9/1.0;
– forewing length: 5.6/6.0;

Distribution. – French Guiana.

Remarks. – This species closely ressembles *Maxantonia lactinea* in shape and size, but it differs by the vermilion red coloration of the spot on each forewing.

Ecology. – Unknow.

Etymology. – *durantoni* in honor of Michel Duranton, illustrious entomologist who has assembled an enormous collection of insects and has always made it kindly available to taxonomists in order to improve knowledge.

DNA Barcoding (Fig. 11)

2 specimens barcoded: JLPZ0955, JLPZ0966. Genetically, the nearest neighbor species is *Monecphora lactinea* with a genetic distance of 4.33% (Tab. 1 & 2).
BIN URI BOLD:AEQ8814
Results for Sample ID: **JLPZ0955**; **Process ID**: **MEMGU1050-22**
COI-5P
Nucleotide Sequence
AATATATTTCATTTTTGGAATTTGATCTGGAATAATTGGAACAA
CATTAAGATTATTAATTCGAATTGAATTGGGGCAATCTGGATCA
ATAATTGGAGATGATCAAATTTACAATGTAATTGTAACATCACA
TGCATTTATCATAATTTTTTTTATAGTTATACCAATTATAATTGGA
GGTTTTGGAAATTGATTAATTCCACTAATAATTGGAGCTCCTGA
CATAGCTTTTCCACGAATAAATAATATAAGATTTTGAATGTTAC
CTCCATCAATTTCATTATTATTATCAAGAAGAATAATTGACAAT
GGTGTCGGAACAGGATGAACAGTTTATCCTCCATTATCAAGAA
ATTTAGGTCACATAGGGTCATGTGTTGATTTAGCTATTTTTTCT
TTACATTTAGCTGGAATTTCATCAATTCTTGGTGCAGTAAATTT
CATTACAACTATTTTAAATATACGAGTAACAGGAATAAAATTAG
ATCGAACCCCTTTATTTGTATGAGCAGTAATAATTACTGCTATT
CTATTACTTTTATCATTACCAGTATTAGCAGGCGCAATTACTATA
TTATTAACAGATCGAAATTTAAATACTTCCTTCTTTGACCCTGC
TGGAGGAGGCGATCCAATTTTATATCAACATTTATTT
Amino Acid Sequence
MYFIFGIWSGMIGTTLSLLIRIELGQSGSMIGDDQIYNVIVTSHAFI
MIFFMVMPIMIGGFGNWLIPLMIGAPDMAFPRMNNMSFWMLPPS
ISLLLSSSMIDNGVGTGWTVYPPLSSNLGHMGSCVDLAIFSLHLA
GISSILGAVNFITTILNMRVTGMKLDRTPLFVWAVMITAILLLLSLP
VLAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLF

***Maxantonia lactinea* sp. n.**

(Fig. 5)

ZooBank : https://zoobank.org/13A56EE6-EFD6-4051-8054-ED6885BABDCA

Holotype, ♂, "Guyane française: Roura: Carbet de l'ASMA, Tibourou; GPS: 4.433329N, -52.333462W; 11.III.2021; light trap; Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU, CCDB-38896 B9, JLPZJLPZ0971" deposited at the MNHN.

Paratypes (**5** ♂, **10** ♀, Appendix 5)

Type locality. – French Guiana: Roura: Carbet de l'ASMA, Tibourou (4.433329N, -52.333462W).

Diagnosis. – Small. General coloration brown. Small milky white spot adjoining the costal margin at second third of forewing. Male aedeagus with three elongate projections, whose two sides are curved into a falsetto at the tip.

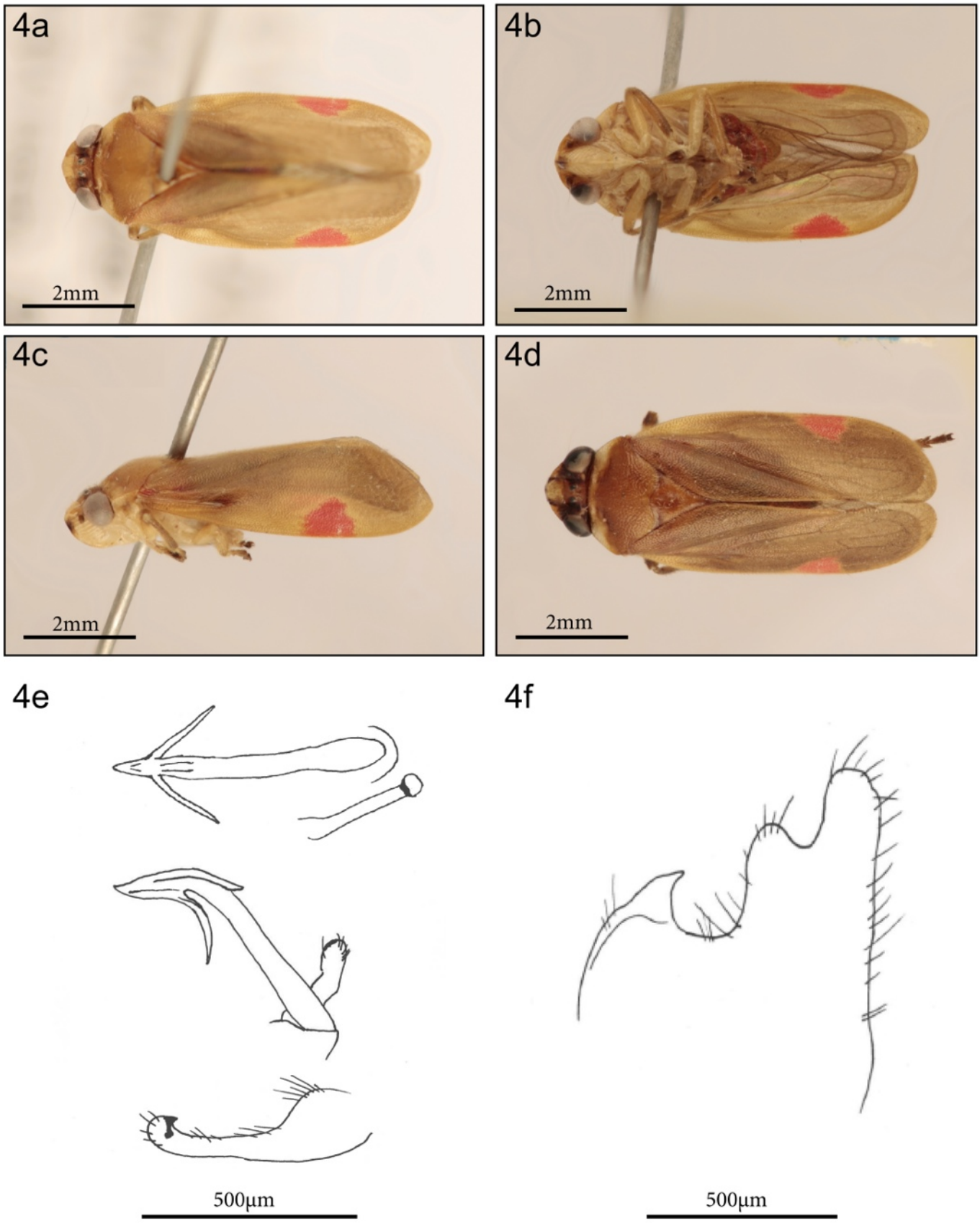

Figure 4. Holotype ♂ and paratype ♀ *Maxantonia durantoni* **sp**. **n**. **4a**. ♂, dorsal view. **4b**. ♂, ventral view. **4c**. ♂, lateral view. **4d**. ♀, dorsal view. **4e**. Aedeagus and paramere dorsal view, aedeagus and paramere lateral view, paramere. **4f**. Pygofer and subgenital plates, lateral view.

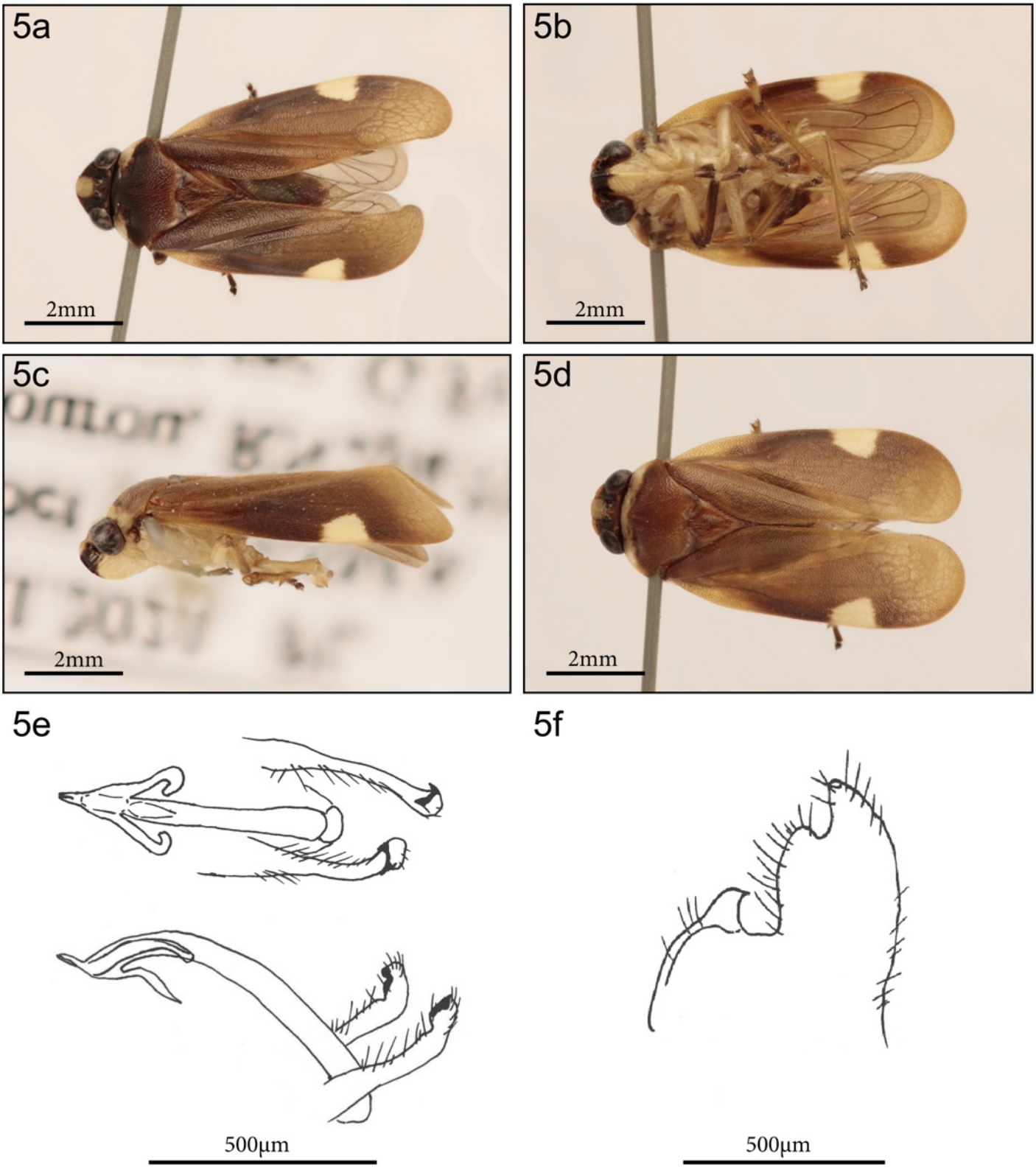

Figure 5. Holotype ♂ and paratype ♀ *Maxantonia lactinea* **sp**. **n**. **5a**. ♂, dorsal view. **5b**. ♂, ventral view. **5c**. ♂, lateral view. **5d**. ♀, dorsal view. **5e**. Aedeagus and parameres dorsal view, aedeagus and parameres lateral view. **5f**. Pygofer and subgenital plates, lateral view.

Description. Male.

Head. – Vertex dark brown with pale rounded spot adjoining the anterior margin; posclypeus pale with pit antenna and space between them dark; apex of rostrum, grimy, reaching base of median femur; antennae black, basal body of flagellum yellow, ovoid, with one arista shorter than pedicel; ocelli dark, closer to each other than to compound eyes.

Thorax. – Pronotum dark-brownish, hexagonal; shiny, short, sparse pilosity; angle antero-lateral pale; scutellum dark-brownish; Forewing brown, with milky white spot, at second third, on the costal margin; small yellow suffusion on the margin basal forewing; sternum and legs yellowish; apex of anterior femur, anterior tibia and anterior tarsis, black; median tibia progressively blacker, from base to apex; posterior legs entirely yellowish, with two spines on the tibia, first one at the base, second one, twice as long, in the middle; both spines inclined towards apex, with extremity black.

Abdomen. – Brownish;

Genitalia. – Male: Pygofer (Fig. 5f) acute triangular process between anal tube and subgenital plates; subgenital plates (Fig. 5f) long with, on the intern margin, one pronounced intermediate lobe; parameres (Fig. 5e) slightly curved at the end, ending in two small claws; aedeagus (Fig. 5e) with three long projections, two laterals, curved into a falsetto at the tip, and one anterior, curved. Apex genitalia tapered and slightly sloping backwards.

Female. – Similar to the male in color and proportion.

Measurements (mm), holotype ♂ / paratype ♀.
– total length: 7.7/7.1;
– head length: 0.7/0.6;
– maximum width of head, including eyes: 1.7/1.6;
– pronotal length: 1.4/1.1;
– width between humeral angles: 2.4/2.3;
– scutellum length: 1.2/1.2;
– forewing length: 6.2/6.1;

Distribution. – French Guiana.

Remarks. – This species closely resembles *Maxantonia durantoni* in shape, size and coloration, but it differs by the milky white spot on each forewing.

Ecology. – Unknow.

Etymology. – The specific name *lactinea* refers to the milky white spot on forewings.

DNA Barcoding (Fig. 11)

3 specimens barcoded: JLPZ0971, JLPZ0973, JLPZ0990. Genetically, the nearest neighbor species is *Monecphora durantoni* with a genetic distance of 4.33% (Tab. 1 & 2).
BIN URI BOLD:AEQ8813
Results for Sample ID: **JLPZ0971**; **Process ID**: **MEMGU1066-22**
COI-5P
Nucleotide Sequence
AATATATTTCATATTTGGAATTTGATCTGGAATAATTGGAACAACAT
TAAGATTATTAATTCGGATTGAATTAGGTCAACCTGGATCAATAATT
GGAGATGATCAAATTTATAATGTAATCGTAACATCACATGCATTTAT
TATAATTTTTTTTATAGTTATACCAATTATAATTGGAGGTTTTGGGAA
TTGATTAATTCCACTAATAATTGGAGCTCCTGATATAGCTTTCCCAC
GAATAAATAATATAAGATTTTGAATATTACCTCCATCAATTACATTAC
TATTATCAAGAAGAATAGTTGATAATGGTGTAGGAACAGGATGAAC
AGTTTATCCACCATTATCAAGAAATTTAGGTCACATAGGATCATGTG
TTGATTTAGCTATTTTTTCTTTACATCTAGCTGGAATTTCATCAATTC
TTGGTGCAGTAAATTTTATTACAACCATTTTAAATATACGAGTTATA
GGTATAAAATTAGATCGAACCCCTTTATTTGTATGAGCAGTAATAAT
TACTGCTATCCTACTACTATTATCATTACCAGTATTAGCAGGTGCAAT
TACTATATTATTAACAGATCGAAATTTAAATACTTCTTTTTTTGATCC
TGCTGGGGGTGGTGATCCAATTTTATATCAACATTTAT
Amino Acid Sequence
MYFMFGIWSGMIGTTLSLLIRIELGQPGSMIGDDQIYNVIVTSHAF
IMIFFMVMPIMIGGFGNWLIPLMIGAPDMAFPRMNNMSFWMLPP
SITLLLSSSMVDNGVGTGWTVYPPLSSNLGHMGSCVDLAIFSLHL
AGISSILGAVNFITTILNMRVMGMKLDRTPLFVWAVMITAILLLLSL
PVLAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLX

Monecphora Amyot & Serville, 1843

Monecphora longitudinalis Lallemand, 1924
(Fig. 6)

This species was described from French Guiana based on only one female (coll. Le Moult).

Material examined. – **35** specimens (Appendix 6).

Type locality. – French Guiana: "Cayenne".

Diagnosis. – This large species is characterized by yellow patterns on a black background, a red head with black eyes, and red legs with black tarsi.

Description of the male

Head. – Red with black eyes and ocelli; rostrum red with black apex.

Thorax. – Pronotum bright yellow, hexagonal, with transverse black band between humeral angle; scutellum black; Forewing black, area of clavus entirely yellow, black lines all along the suture of the clavus, large yellow sub-triangular spot, close to the suture of the clavus, covering basal cells. Second spot, smaller, slightly longitudinal yellow spot in the disc and pre-apical area; legs red, with black tarsi, and apex of anterior and median tibia black.

Abdomen. – Reddish. Pygofer with latero-posterior lobe well pronounced, rounded at the tip (Fig. 6f).

Genitalia. – Parameres (Fig. 6e) with a triangular basal apophysis and a second small apophysis between the basal apophysis and the apex; apex rounded with small apical protuberance. Aedeagus (Fig. 6e) long and slender, wider at its base in dorsal view, apical part with two broad projections, sub-triangular, ultra-curved dorsally at the tip until their fine ends cross. Apex of the aedeagus curved ventrally into a long, thin hook.

Female. – Like the male in color and proportion. The two yellow spots on the wing outside the clavus area join to form a single large longitudinal spot that is thinner in the middle.

Measurements (mm) of specimens illustred ♂ / ♀.
– total length: 12.1/13.2;
– head length: 0.8/0.9;
– maximum width of head, including eyes: 2.4/2.5;
– pronotal length: 1.9/1.9;
– width between humeral angles: 4.0/4.4;
– scutellum length: 2.6/2.6;
– forewing length: 9.9/10.9.

Distribution. – French Guiana.

Remarks. – The specific name "*longitudinalis*" possibly refers to the large longitudinal yellow spots on the wings.

Ecology. – We know almost nothing about the ecology of this species, which is mainly observed in light traps, sometimes in large numbers. One specimen was observed on a plant of the genus *Clusia*, but this may not have been its host plant.

DNA Barcoding (Fig. 11)

7 specimens barcoded: JLPZ0988, JLPZ1289, JLPZ1527, JLPZ1297, JLPZ0952, JLPZ1819, JLPZ1276. Genetically, the nearest neighbor species is *Monecphora pallida* with a genetic distance of 12.66% (Tab.1 & 2).
BIN URI BOLD:AEO7950
Results for Sample ID: **JLPZ1819**; **Process ID**: **MEMGU1819-23**
COI-5P
Nucleotide Sequence
CTCTATACTTCCTATTCGGAATCTGATCAGGAATGATCGGTACTATAA
TAAGAATACTTATTCGGATTGAACTAGGTCAACCTGGTTCAATAATA
GGAAATGATCAGACCTATAACGTTATTATTACGGCCCATGCCTTCATT
ATAATTTTCTTTATAGTTATACCTATAATAATTGGTGGTTTTGGCAACT
GACTAGTTCCCCTGATAATCGGTGCTCCTGACATAGCTTTCCCGCGT
CTCAATAATATGAGCTTTTGAATATTACCCCCATCAATCACATTTCTAT
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TTATCCCCCCTTATCTAGAAACATGGGGCATGCAGGAACATGCATTG

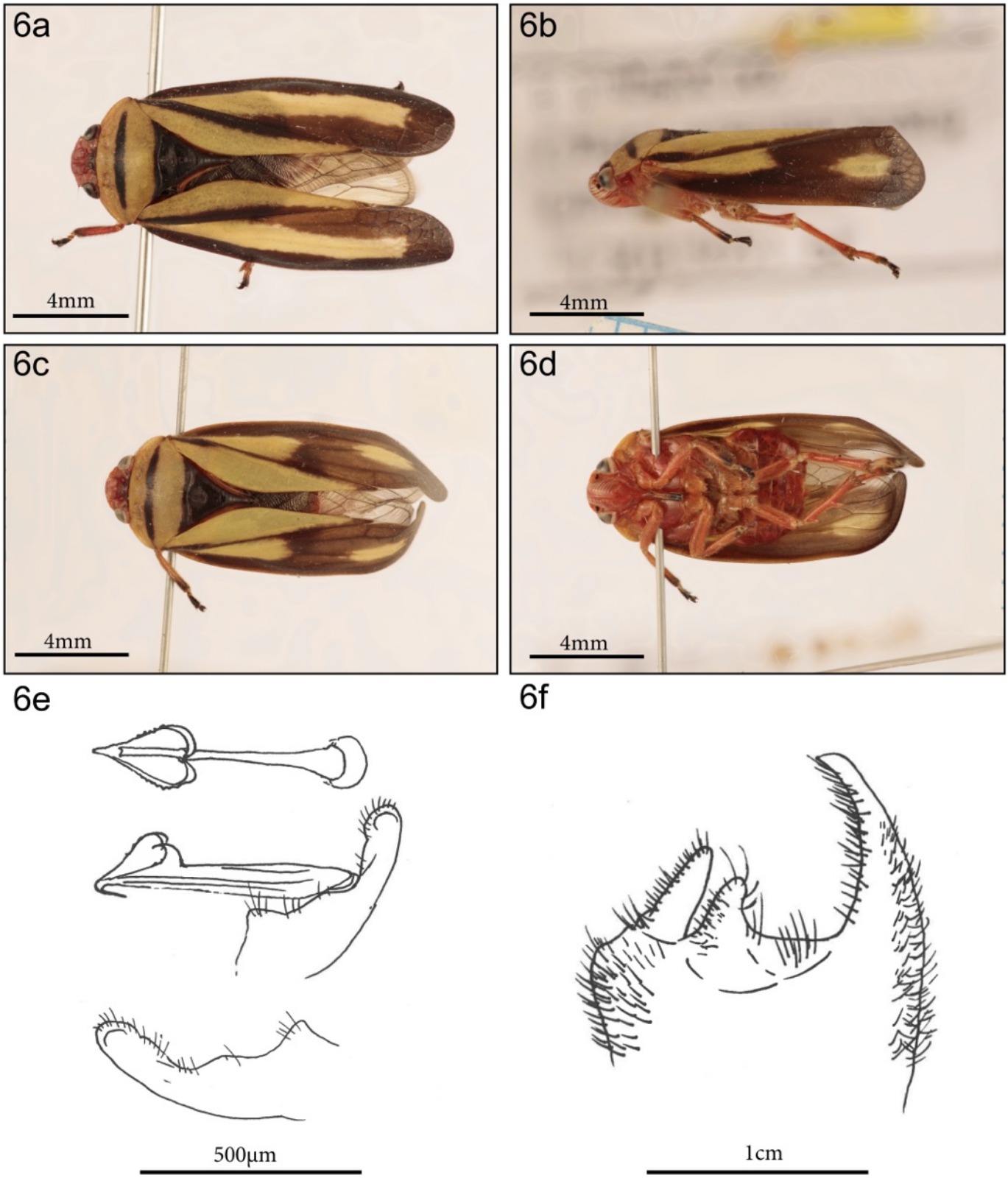

Figure 6. *Monecphora longitudinalis*; **6a**. ♀, dorsal view. **6b**. ♂, lateral view. **6c**. ♂, dorsal view. **6d**. ♂, ventral view. **6e**. Aedeagus dorsal view, aedeagus and paramere lateral view, paramere. **6f**. Pygofer and subgenital plates, lateral view.

ATTTAACTATTTTCTCCCTGCACATAGCAGGTATCTCTTCAATTATGG
GCGCAATCAATTTTATTAGAACAATTCTAAACATACGAAGATACGGA
ATACAATTTAACCAAACACCACTATTTGTATGAGCTGTAATAATTAC
AGCAATCCTGCTTCTCCTTTCTTTACCGGTTCTCGCAGGTGCCATTA
CAATATTATTAACTGACCGAAACCTTAATACTTCTTTTTTTGATCCTG
CGGGTGGGGGAGACCCAATTCTATATCAACATTTATTC

Amino Acid Sequence

LYFLFGIWSGMIGTMMSMLIRIELGQPGSMMGNDQTYNVIITAHA
FIMIFFMVMPMMIGGFGNWLVPLMIGAPDMAFPRLNNMSFWMLP
PSITFLLLSNVIDGGTGTGWTVYPPLSSNMGHAGTCIDLTIFSLHMA
GISSIMGAINFISTILNMRSYGMQFNQTPLFVWAVMITAILLLLSLPV
LAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLF

Monecphora pallida Lallemand, 1924

(Fig. 7)

Material examined. – **35** specimens (Appendix 7).

Type locality. – French Guiana: Saint-Laurent-du-Maroni

Diagnosis. – Overall color pale yellow ochre. Transverse line between humeral angles light brown. Forewing suffused with yellow at the base, becoming progressively lighter towards the tip. Head and legs pale ochre.

Measurements (mm) of specimen illustrate ♂.

– total length: 12.8;
– head length: 0.8;
– maximum width of head, including eyes: 2.6;
– pronotal length: 2.4;
– width between humeral angles: 4.3;
– scutellum length: 2.5;
– forewing length: 10.6;

Distribution. – French Guiana.

Remarks. – This species has a general dull coloration, ochre and light brown. In comparison, *M. longitudinalis* has red legs and head, and the rest of the body is deeply black with very marked yellow patterns.
The species name "*pallida*" refers possibly to the faded pattern, in contrast to the bright coloration of *Monecphora longitudinalis*.

Ecology. – Unknow.

DNA Barcoding (Fig. 11)

1 specimen barcoded: JLPZ1829. Genetically, the nearest neighbor species is *Monecphora longitudinalis* with a genetic distance of 12.66% (Tab. 1 & 2).
BIN URI BOLD:AFT4183
Results for Sample ID: **JLPZ1829**; **Process ID**: **MEMGU1829-23 COI-5P**

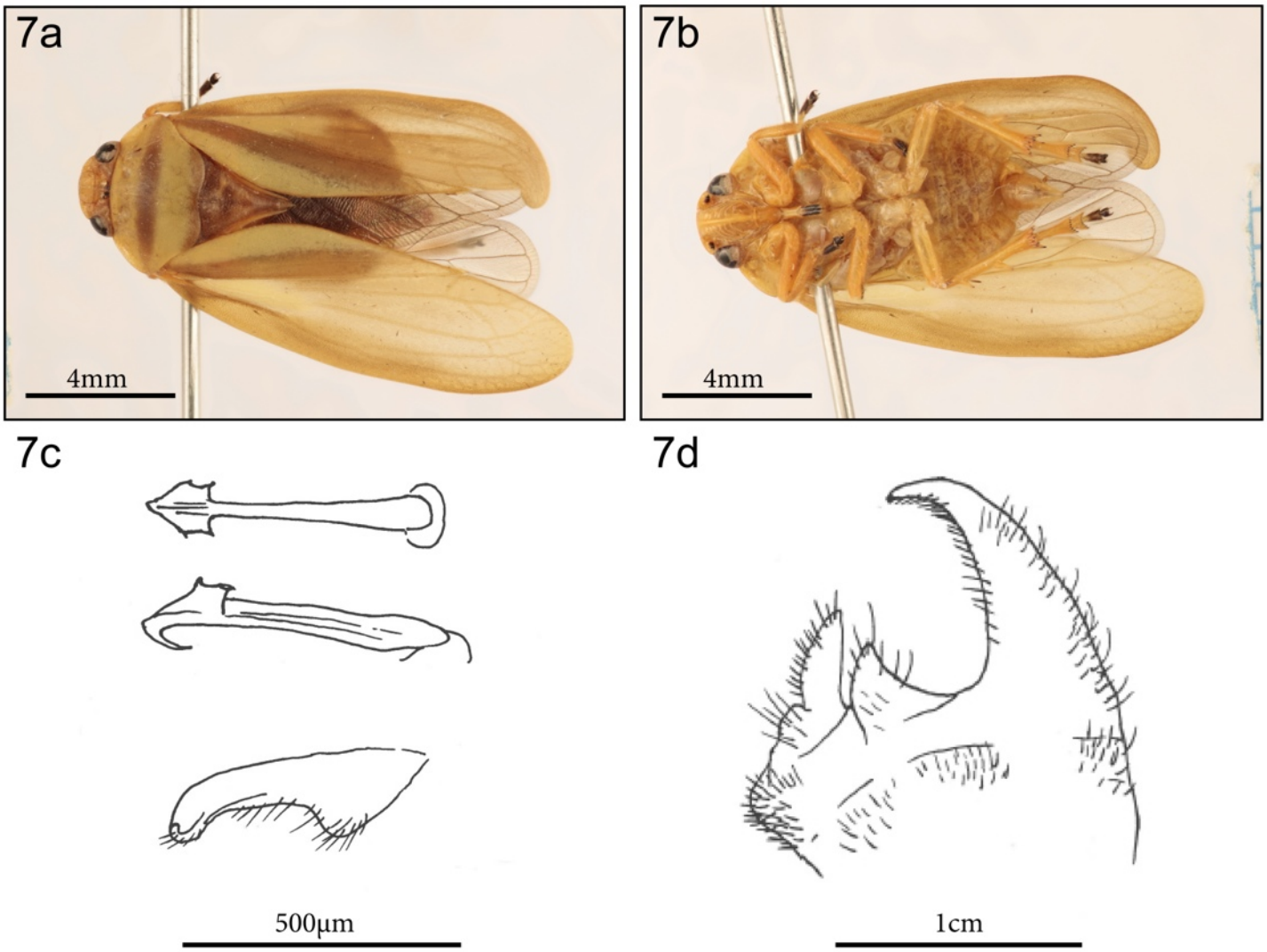

Figure 7. *Monecphora pallida* ♂. **7a**. Dorsal view. **7b**. Ventral view. **7c**. Aedeagus dorsal view, aedeagus lateral view, paramere. **7d**. Pygofer and subgenital plates, lateral view.

Nucleotide Sequence
CTTTATACTTTCTATTTGGAATCTGATCAGGAATAATTGGTACTATAA
TAAGAATGCTTATTCGAATTGAGCTCGGTCAACCTGGTTCAATAAT
AGGAAATGACCAAATTTATAATGTTATTATTACGGCTCATGCCTTTA
TTATAATTTTCTTCATAGTTATACCAATGATAATTGGTGGTTTTGGTA
ACTGACTAGTTCCATTAATAATTGGAGCTCCTGATATAGCTTTCCCA
CGTCTTAATAATATAAGCTTTTGGATATTACCCCCATCAATTACATTT
CTTTTATTAAGAAATGTAATTGATGGGGGGACAGGCACTGGATGA
ACTGTTTATCCCCCATTATCCGGCAATATAGGGCATACAGGAACAT
GTATTGATATAACTATCTTTTCCTTACACATAGCAGGTATTTCTTCTA
TTATAGGGGCAATCAATTTTATTAGAACAATTATAAACATACGAGCA
TACGGAATACAATTTAATCAAACTCCTCTATTTGTGTGGGCCGTAAT
AATCACAGCGATTTTGCTGCTTCTATCCCTCCCAGTTCTTGCGGGT
GCTATTACAATATTATTAACTGACCGTAATCTTAATACTTCTTTTTTT
GACCCAGCGGGTGGGGGGGATCCAATTTTATATCAACATTTATT
Amino Acid Sequence
LYFLFGIWSGMIGTMMSMLIRIELGQPGSMMGNDQIYNVIITAHA
FIMIFFMVMPMMIGGFGNWLVPLMIGAPDMAFPRLNNMSFWML
PPSITFLLLSNVIDGGTGTGWTVYPPLSGNMGHTGTCIDMTIFSLH
MAGISSIMGAINFISTIMNMRAYGMQFNQTPLFVWAVMITAILLLL
SLPVLAGAITMLLTDRNLNTSFFDPAGGGDPILYQHLX

Checklist of Ishnorhinidae from French Guiana

This list presents 30 species recorded in French Guiana based on the two reference collections consulted and bibliographic research.

Aeneolamia flavilatera (Urich, 1914)
Aeneolamia varia (Fabricius, 1787)
Baetkia compressa (Le Peletier & Serville, 1825)
Baetkia maroniensis Lallemand, 1938
Catrimania albifascia Paladini & Cryan, 2012
Catrimania arcada **sp**. **n**.
Deois incompleta (Walker, 1851)
Ischnorhina ephippium Fabricius, 1803
Ischnorhina hamiltoni Paladini & Cryan, 2012
Ischnorhina surinamensis Schmidt, 1920
Laccogrypota valida Distant, 1909
Mahanarva noctua (Distant, 1909)
Mahanarva phantastica (Breddin, 1904)
Mahanarva tristis (Fabricius, 1803)
Monecphora longitudinalis Lallemand, 1924
Monecphora pallida Lallemand, 1924
Neomonecphora apicalis (Le Peletier & Serville, 1825)
Neomonecphora laurentana Lallemand, 1949
Neomonecphora lunulata (Lallemand, 1924)
Neomonecphora obtusa Nast, 1950
Neomonecphora robusta Nast, 1950
Schistogonia simulans Schmidt, 1920
Maxantonia dachinensis **sp**. **n**.
Maxantonia diversa Nast, 1979
Maxantonia lactinea **sp**. **n**.
Maxantonia lineola (Fabricius, 1803)
Maxantonia durantoni **sp**. **n**.
Sinopia signata Sakakibara, 1977
Sphenorhina rubra Linnée, 1758
Zulia pubescens (Fabricius, 1803)

Conclusion

These four new species bring the list of Ishnorhinidae from French Guiana to 30. As with all insect groups, there are still many discoveries to be made among the Cercopoidea in French Guiana. The collections still contain many species that will be the subject of future taxonomic work. There are still huge gaps in our knowledge of the biology and ecology of this group, about which almost nothing is known.

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References

Carvalho G., Sakakibara A. & Webb M., 2016. – Two new species of the Neotropical spittlebug genus *Monecphora* Amyot & Serville (Hemiptera: Cercopidae) with key and notes of species of the genus. *Zootaxa*, 4078: 143. 10.11646/zootaxa.4078.1.13.

Carvalho G.S. & Webb M.D., 2005. – Cercopid Spittlebugs of the New World (Hemiptera, Auchenorrhyncha, Cercopidae). Pensoft, Sofia. 271 pp.

Felsenstein J., 1985. – Confidence limits on phylogenies: An approach using the bootstrap. *Evolution*, 39: 783-791.

Hebert P. D. N. & al., 2018. – A Sequel to Sanger: Amplicon sequencing that scales. BMC Genom. 19: 219 (2018).

Kimura M., 1980. – A simple method for estimating evolutionary rate of base substitutions through comparative studies of nucleotide sequences. *Journal of Molecular Evolution*, 16: 111-120.

Kumar S., Stecher G., Suleski M., Sanderford M., Sharma S. & Tamura K., 2024. – MEGA12 for adaptative and green computing. *Molecular Biology and Evolution*, 41: 1-9.

Lallemand V., 1924. – Homoptères nouveaux de la collection du Muséum National de Paris et de la mienne. *Bulletin du Muséum national d'Histoire naturelle (Paris)*, 30: 378-385.

Paladini A. & Cryan J.R., 2012. – Nine new species of Neotropical spittlebugs. *Zootaxa*, 3519: 53-68.

Ratnasingham S. & Hebert P.D.N., 2013. – A DNA-based registry for all animal species: The Barcode Index Number (BIN) system. PLoS. ONE 8, e66213.

Saitou N. & Nei M., 1987. – The neighbor-joining method: A new method for reconstructing phylogenetic trees. *Molecular Biology and Evolution*, 4: 406-425.

Table 1. Mean uncorrected p-distances (pairwise deletion) between 7 species studied.

	1	2	3	4	5	6	7
1. ***Monecphora longitudinalis***							
2. ***Maxantonia durantoni* sp. n**	0,243						
3. ***Catrimania albifascia***	0,243	0,139					
4. ***Maxantonia lactinea* sp. n**	0,218	0,053	0,133				
5. ***Catrimania arcada* sp. n**	0,240	0,125	0,125	0,125			
6. ***Maxantonia dachinensis* sp. n**	0,223	0,065	0,124	0,045	0,128		
7. ***Monecphora pallida***	0,126	0,221	0,217	0,206	0,222	0,211	

Table 2. Summary statistics for specimens included in this study.

Species	Species author	N in dataset with BIN	BIN name	Dmin_NN heterospecific (P-distance) %	BIN Dmean (P-distance) %	BIN Dmax (P-distance) %	NN_heterospecific_BIN	NN_heterospecific_ Identification
Catrimania arcada	**sp. n.**	4	BOLD:AER0225	8.97	0.43	0.8	BOLD:AEP4545	*Catrimania sp.*
Catrimania albifascia	Paladini & Cryan, 2012	2	BOLD:AER0226	9.78	0.16	0.16	BOLD:AFT3919	*Catrimania sp.*
Maxantonia dachinensis	**sp. n.**	1	BOLD:AFS4317	4.33	NA	NA	BOLD:AEQ8813	*Maxantonia lactinea*
Maxantonia durantoni	**sp. n.**	2	BOLD:AEQ8814	5.45	0.11	0.16	BOLD:AEQ8813	*Maxantonia lactinea*
Maxantonia lactinea	**sp. n.**	3	BOLD:AEQ8813	4.33	0	0	BOLD:AFS4317	*Maxantonia dachinensis*
Monecphora pallida	Lallemand, 1924	1	BOLD:AFT4183	12.66	NA	NA	BOLD:AEO7950	*Monecphora longitudinalis*
Monecphora longitudinalis	Lallemand, 1924	7	BOLD:AEO7950	12.66	0.05	0.16	BOLD:AFT4183	*Monecphora pallida*

Dmin_NN heterospecific = minimum distance to nearest neighbor; **NN** = nearest neighbor; **BIN Dmean** = intraspecific distance mean within a BIN; **BIN Dmax** = maxim intraspecific distance within a BIN.

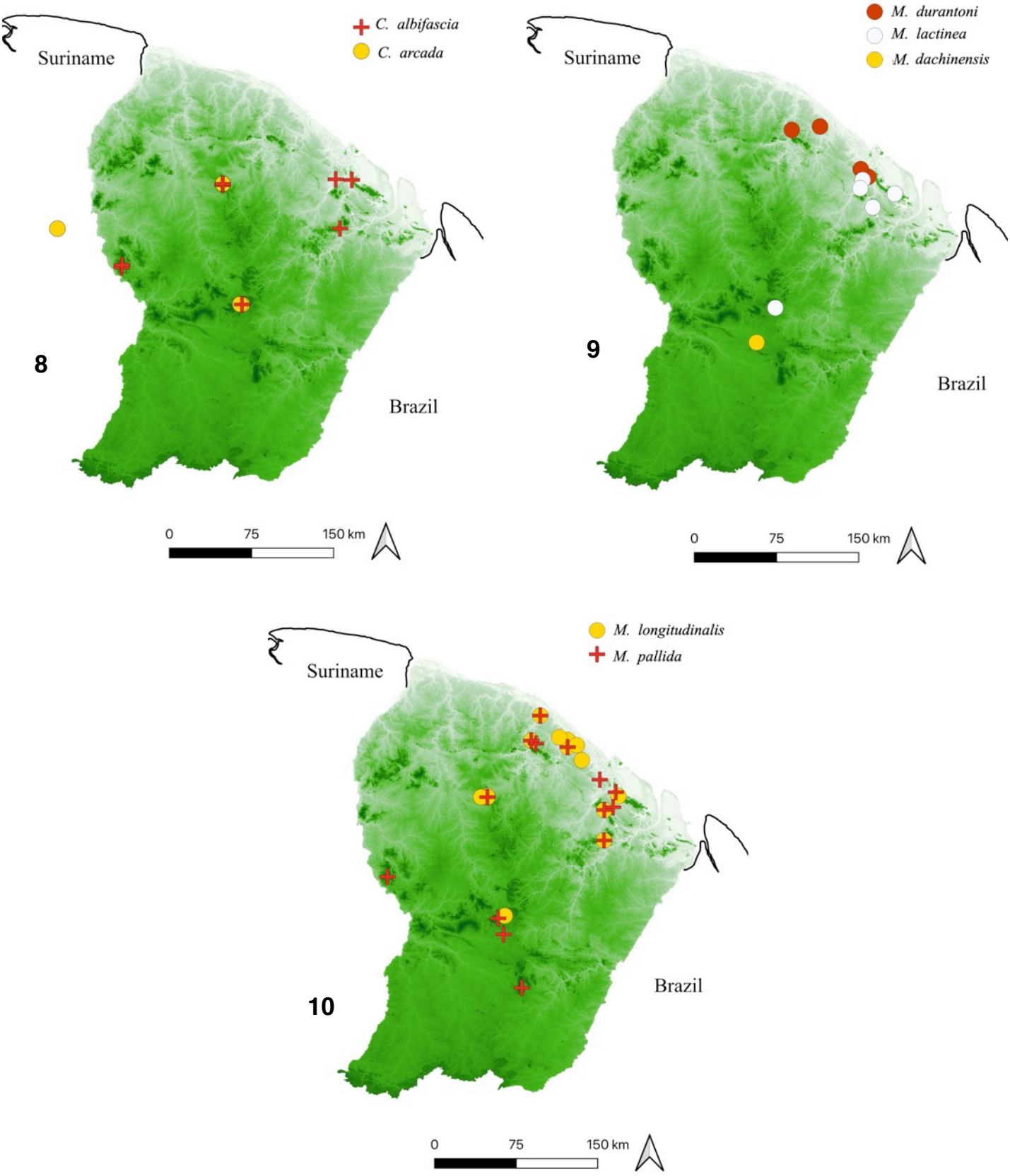

Figure 8. Distribution map in French Guiana of *Catrimania albifascia* and *Catrimania arcada* **sp**. **n**.
Figure 9. Distribution map in French Guiana of *Maxantonia dachinensis* **sp**. **n**., *Maxantonia durantoni* **n**. **sp**. and *Maxantonia lactinea* **sp**. **n**.
Figure 10. Distribution map in French Guiana of *Monecphora longitudinalis* and *Monecphora pallida.*

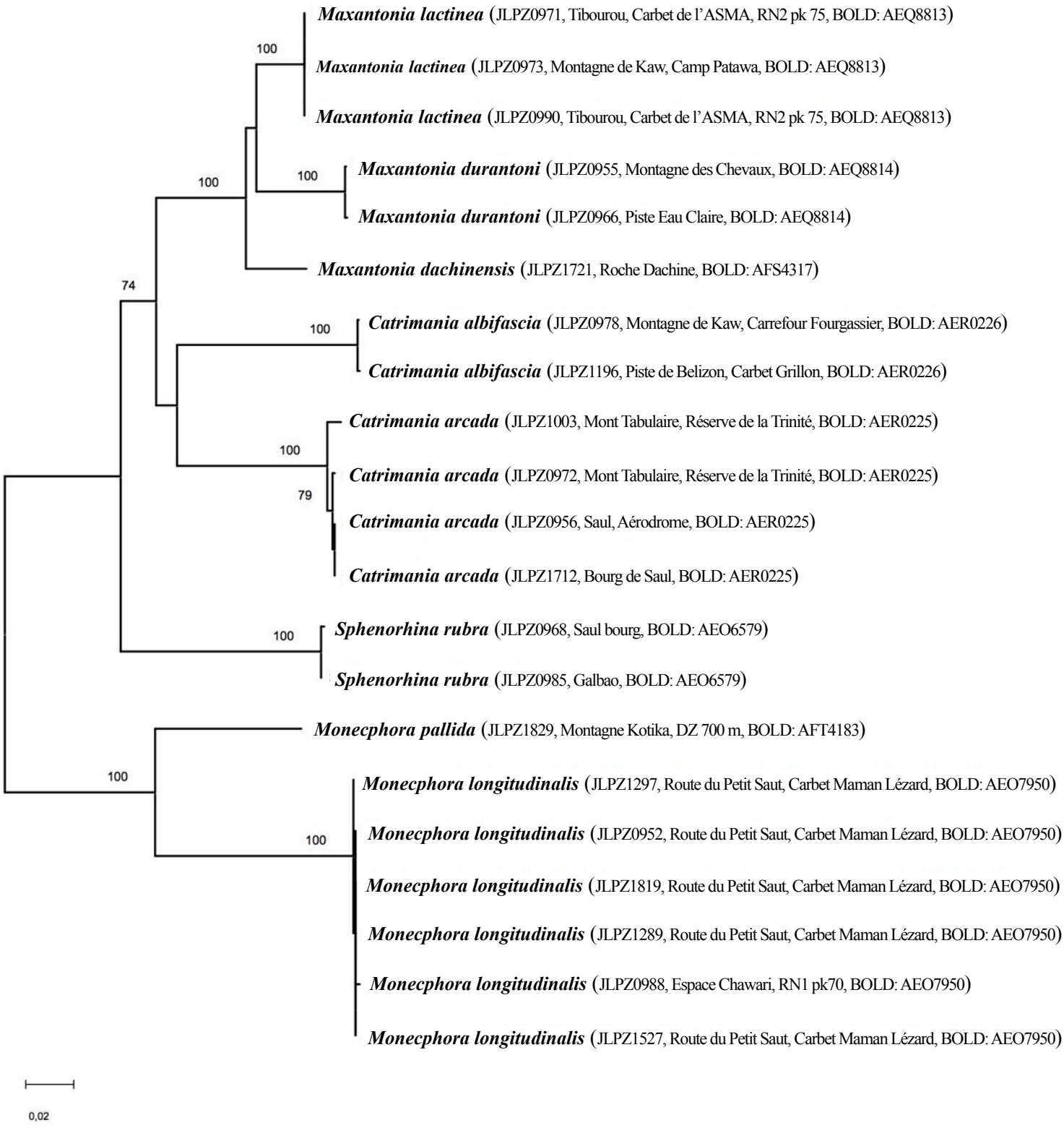
Maxantonia lactinea (JLPZ0971, Tibourou, Carbet de l'ASMA, RN2 pk 75, BOLD: AEQ8813)
Maxantonia lactinea (JLPZ0973, Montagne de Kaw, Camp Patawa, BOLD: AEQ8813)
Maxantonia lactinea (JLPZ0990, Tibourou, Carbet de l'ASMA, RN2 pk 75, BOLD: AEQ8813)
Maxantonia durantoni (JLPZ0955, Montagne des Chevaux, BOLD: AEQ8814)
Maxantonia durantoni (JLPZ0966, Piste Eau Claire, BOLD: AEQ8814)
Maxantonia dachinensis (JLPZ1721, Roche Dachine, BOLD: AFS4317)
Catrimania albifascia (JLPZ0978, Montagne de Kaw, Carrefour Fourgassier, BOLD: AER0226)
Catrimania albifascia (JLPZ1196, Piste de Belizon, Carbet Grillon, BOLD: AER0226)
Catrimania arcada (JLPZ1003, Mont Tabulaire, Réserve de la Trinité, BOLD: AER0225)
Catrimania arcada (JLPZ0972, Mont Tabulaire, Réserve de la Trinité, BOLD: AER0225)
Catrimania arcada (JLPZ0956, Saul, Aérodrome, BOLD: AER0225)
Catrimania arcada (JLPZ1712, Bourg de Saul, BOLD: AER0225)
Sphenorhina rubra (JLPZ0968, Saul bourg, BOLD: AEO6579)
Sphenorhina rubra (JLPZ0985, Galbao, BOLD: AEO6579)
Monecphora pallida (JLPZ1829, Montagne Kotika, DZ 700 m, BOLD: AFT4183)
Monecphora longitudinalis (JLPZ1297, Route du Petit Saut, Carbet Maman Lézard, BOLD: AEO7950)
Monecphora longitudinalis (JLPZ0952, Route du Petit Saut, Carbet Maman Lézard, BOLD: AEO7950)
Monecphora longitudinalis (JLPZ1819, Route du Petit Saut, Carbet Maman Lézard, BOLD: AEO7950)
Monecphora longitudinalis (JLPZ1289, Route du Petit Saut, Carbet Maman Lézard, BOLD: AEO7950)
Monecphora longitudinalis (JLPZ0988, Espace Chawari, RN1 pk70, BOLD: AEO7950)
Monecphora longitudinalis (JLPZ1527, Route du Petit Saut, Carbet Maman Lézard, BOLD: AEO7950)
100
100
100
100
74
100
100
79
100
100
100
0,02

Figure 11. Neighbor-Joining Tree showing evolutionary relationships for 21 specimens of Ischnorhinidae.

The evolutionary history was inferred using the Neighbor-Joining method (Saitou & Nei, 1987). The optimal tree with the sum of branch lenght = 0,631 is show. The percentage of replicate trees in which the associated taxa clustered together in the bootstrap test (1000 replicates) are show above branches for value greater than 70 (Felsenstein, 1985). The evolutionary distances were computed using Kimura 2-parameter methode (Kimura, 1980) and are in the units of the number of base substitutions per site. The analytical precedure encompassed 21 coding nucleotide sequences using 1st, 2nd, 3rd, and non-coding positions. The pairwise deletion option was applied to all ambiguous positions for each sequence pair resulting in a final data set comprising 658 positions. Evolutionary analyses were conducted in MEGA12 (Kumar et al., 2024) utilizing up to 3 parallel computing threads. Label: taxa|sampleID|site|BIN.

Figure 12. Inselberg Roche Dachine, located in the “Coeur de Parc” area of the Parc Amazonien de Guyane.

Figure 13. Light trap (vapor mercury lamp) on the inselberg Roche Dachine (SEAG mission, October 2022).

Appendix 1 : ***Catrimania albifascia*** Paladini & Cryan, 2012 (**136** specimens)

- **7** ind. "Guyane Française: Route de Kaw; GPS: 4.642848N, -52.299772W; altitude: 243 m; 14/07/1993; Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Piste de Bélizon; GPS: 4.244238N, -52.397345W; altitude: 120 m; 06/08/1994; leg." CMD.
- **1** ind. "Guyane Française: Montagne de Kaw, Carrefour Fourgassier; GPS: 4.642848N, -52.299772W; altitude: 243 m; 06/10/2020; LT (Light trap, mercury vapour lamps); Nino Page & Maeva Leroy leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0978" deposited at MNHN.
- **1** ind. "Guyane Française: Montagne Guadeloupe, piste Coralie; GPS: 4.511691N, -52.427897W; altitude: 350 m; 03/04/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Montagne Guadeloupe, piste Coralie; GPS: 4.511691N, -52.427897W; altitude: 350 m; 04/04/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Montagne de Kaw, Camp Patawa; GPS: 4.544347N, -52.152708W; altitude: 212 m; 05/06/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Piste de Bélizon, Carbet Grillon; GPS: 4.282238N, -52.452058W; altitude: 84 m; 29/01/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1196" deposited at MNHN.
- **4** ind. "Guyane Française: Montagne de Kaw, Carrefour Fourgassier; GPS: 4.642848N, -52.299772W; altitude: 243 m; 09/06/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 29/10/2022; LT (Light trap, mercury vapour lamps); SEAG leg." JLPZ.
- **1** ind. "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 31/10/2022; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **4** ind. "Guyane Française: Montagne Guadeloupe, piste Coralie; GPS: 4.511691N, -52.427897W; altitude: 350 m; 10/03/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **8** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 18/07/2023; LT (Light trap, mercury vapour lamps); Nino Page & Jérémie Lapèze leg." JLPZ.
- **2** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 18/07/2023; LED (LepiLED light trap); Nino Page & Jérémie Lapèze leg." JLPZ.
- **3** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 19/07/2023; LT (Light trap, mercury vapour lamps); Nino Page & Jérémie Lapèze leg." JLPZ.
- **4** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 20/07/2023; LT (Light trap, mercury vapour lamps); Nino Page & Jérémie Lapèze leg." JLPZ.
- **3** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 20/07/2023; LED (LepiLED light trap); Nino Page & Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 21/07/2023; LT (Light trap, mercury vapour lamps); Nino Page & Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 21/07/2023; LED (LepiLED light trap); Nino Page & Jérémie Lapèze leg." JLPZ.
- **4** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 25/07/2023; LT (Light trap, mercury vapour lamps); Nino Page & Jérémie Lapèze leg." JLPZ.
- **1** ind. "Guyane Française: Montagne Kotika, Pointe Sud; GPS: 3.92468N, -54.18941W; altitude: 720 m; 26/07/2023; LED (LepiLED light trap); Nino Page & Jérémie Lapèze leg." JLPZ.
- **2** ind. "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 28/07/2023; MT (Malaise trap); Nino Page & Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Mont Tabulaire, 300m, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 08/09/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♂ "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 09/09/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **4** ind. "Guyane Française: Mont Tabulaire, 300m, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 15/09/2023; MT (Malaise trap); SEAG leg." JLPZ.
- **1** ind. "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 15/09/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♀ "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 20/09/2023; ALT (Automatic Light Trap); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ind. "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 20/09/2023; MT (Malaise trap); SEAG leg." JLPZ.
- **1** ♂ **1** ♀ "Guyane Française: Mont Tabulaire, 300m, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 20/09/2023; MT (Malaise trap); SEAG leg." JLPZ.
- **1** ind. "Guyane Française: Saul, piste aeroport; GPS: 3.620433N, -53.200985W; altitude: 200 m; 09/08/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **3** ♂ **3** ♀ "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité, DZ 300m; GPS: 4.610861N, -53.358896W; altitude: 300 m; 05/09/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **4** ind. "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité, DZ 300m; GPS: 4.610861N, -53.358896W; altitude: 300 m; 01/09/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **2** ind. "Guyane Française: Savanes de Nancibo; GPS: 4.648071N, -52.432302W; altitude: 25 m; 01/12/2018; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **4** ind. "Guyane Française: Montagne Bellevue de Maripasoula, 600m; GPS: 3.79141N, -54.04915 W; altitude: 634 m; 17/08/2025; LED (LepiLED light trap); Jérémie Lapèze, Nino Page, Martin Lau leg." JLPZ.
- **3** ♂ **1**♀ "Guyane Française: Montagne Bellevue de Maripasoula, 600m; GPS: 3.79141N, -54.04915 W; altitude: 634 m; 18/08/2025; LED (LepiLED light trap); Jérémie Lapèze, Nino Page, Martin Lau leg." JLPZ.
- **1** ♂ "Guyane Française: Montagne Bellevue de Maripasoula, 600m; GPS: 3.79141N, -54.04915 W; altitude: 634 m; 19/08/2025; LED (LepiLED light trap); Jérémie Lapèze, Nino Page, Martin Lau leg." JLPZ.
- **3** ♂ "Guyane Française: Montagne Bellevue de Maripasoula, 600m; GPS: 3.79141N, -54.04915 W; altitude: 634 m; 20/08/2025; LED (LepiLED light trap); Elendil Cocchi, Nino Page, Maeva Leroy leg." JLPZ.

- **2** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 17/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 17/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **2** ♂ **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 18/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **3** ♂ **2** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 18/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **2** ♂ **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 19/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **2** ♂ **3** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 19/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **11** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 19/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 10/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **2** ♂ **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 10/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 11/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **4** ♂ **1**♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 11/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 12/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 12/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 09/10/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 08/04/2024; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 10/04/2024; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 28/01/2025; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 29/01/2025; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.

Appendix 2 : ***Catrimania arcada* sp. n.**, paratypes (**12** ♂)

- **1** ♂ "Guyane Française: Saul, piste aeroport; GPS: 3.620433N, -53.200985W; altitude: 200 m; 09/08/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0956" deposited at MNHN.
- **1** ♂ "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité, DZ 300m; GPS: 4.610861N, -53.358896W; altitude: 300 m; 05/09/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze, mission SEAG leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0972" deposited at MNHN.
- **1** ♂ "Guyane Française: Saül; GPS: 3.62277N, -53.216043W; altitude: 200 m; 07/08/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Aerodrome de Saül; GPS: 3.620433N, -53.200985W; altitude: 200 m; 23/10/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze (SEAG) leg." JLPZ.
- **2** ♂ "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 05/09/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♂ "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 05/09/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1003" deposited at MNHN.
- **1** ♂ "Guyane Française: Saül, Belvèdère; GPS: 3.62277N, -53.216043W; altitude: 320 m; 29/12/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze, Elendil Cocchi & Nicolas Giraud-Audine leg." JLPZ.
- **1** ♂ "Guyane Française: Mont Tabulaire, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 02/09/2022; LED (LepiLED light trap); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Saül, Belvèdère; GPS: 3.62277N, -53.216043W; altitude: 320 m; 21/11/2022; MT (Malaise trap); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1712" deposited at MNHN.
- **1** ♂ "Guyane Française: Aerodrome de Saül; GPS: 3.620433N, -53.200985W; altitude: 200 m; 09/08/2024; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Bourg de Saül; GPS: 3.62277N, -53.216043W; altitude: 200 m; 07/08/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.

Appendix 3 : ***Maxantonia dachinensis* sp. n.**, paratypes (**12** ♂, **2** ♀)

- **5** ♂ **1** ♀ "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 25/10/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **3** ♂ "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 27/10/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.

- **2** ♂ "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 28/10/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♂ "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 30/10/2022; ALT (Automatic Light Trap); Jérémie Lapèze et al. (SEAG) leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1715" deposited at MNHN.
- **1** ♂ **1** ♀ "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 31/10/2022; ALT (Automatic Light Trap); Jérémie Lapèze et al. (SEAG) leg." JLPZ.

Appendix 4 : ***Maxantonia durantoni*** **sp**. **n**., paratypes (**14** ♂, **6** ♀).

- **1** ♀ "Guyane Française: Kourou, Dégrad Saramaca pk6; GPS: 5.13179N, -52.72128W; altitude: 15 m; 01/08/1999; HC (Hand Catch); / leg." CMD.
- **2** ♂ "Guyane Française: Espace Chawari; GPS: 5.095878N, -52.766125W; altitude: 66 m; 29/11/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze & Elendil Cocchi leg." JLPZ.
- **1** ♂ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 22/12/2018; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **1** ♂ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 09/02/2019; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **2** ♀ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 02/03/2019; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **1** ♂ **1** ♀ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 19/01/2019; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **2** ♂ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 09/02/2019; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **1** ♂ "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 31/08/2019; ALT (Automatic Light Trap); SEAG leg." JLPZ.
- **3** ♂ **1** ♀ "Guyane Française: Espace Chawari, Kourou; GPS: 5.095878N, -52.766125W; altitude: 66 m; 23/09/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Roura, Piste Comou, RN2 pk32.6; GPS: 4.68363N, -52.36946 W; altitude: 20 m; 04/03/2022; /; Nino Page & Maeva Leroy leg." JLPZ.
- **1** ♂ "Guyane Française: Espace Chawari, Kourou; GPS: 5.095878N, -52.766125W; altitude: 66 m; 15/08/2020; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Espace Chawari, Kourou; GPS: 5.095878N, -52.766125W; altitude: 66 m; 30/09/2019; LT (Light trap, mercury vapour lamps); Nino Page & Maeva Leroy leg." JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut pk18; GPS: 5.067803N, -52.998079W; altitude: 55 m; 10/10/2020; HC (Hand Catch); Nino Page & Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0966" deposited at MNHN.

Appendix 5 : ***Maxantonia lactinea*** **sp**. **n**., paratypes (**5** ♂, **10** ♀)

- **1** ♂ "Guyane Française: Le Sourou, camp; GPS: 4.657752N, -52.416094W; altitude: 23 m; 11/11/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ **1** ♀ "Guyane Française: Tibourou; GPS: 4.433329N, -52.333462W; altitude: 50 m; 20/12/2024; LT (Light trap, mercury vapour lamps); Jérémie Lapèze & Elendil Cocchi leg." JLPZ.
- **1** ♀ "Guyane Française: Montagne de Kaw, Camp Patawa; GPS: 4.544347N, -52.152708W; altitude: 212 m; 04/06/2021; LT (Light trap, mercury vapour lamps); Nino Page, Maeva Leroy & Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0973" deposited at MNHN.
- **1** ♂ "Guyane Française: Le Sourou, camp; GPS: 4.657752N, -52.416094W; altitude: 23 m; 11/11/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze & Alexandre Laporte leg." JLPZ.
- **1** ♀ "Guyane Française: Le Sourou, camp; GPS: 4.657752N, -52.416094W; altitude: 23 m; 13/08/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♀ "Guyane Française: Carbet de l"ASMA, Tibourou; GPS: 4.433329N, -52.333462W; altitude: 50 m; 11/03/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0990" deposited at MNHN'.
- **1** ♀ "Guyane Française: Le Sourou, camp; GPS: 4.657752N, -52.416094W; altitude: 23 m; 10/06/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ **1** ♀ "Guyane Française: Cacao; GPS: 4.58938N, -52.43546W; altitude: 81m; 01/06/1985; /; / leg." CMD.
- **1** ♂ **3** ♀ "Guyane Française: RN2PK45; GPS: 4.60834N, -52.37824 W; altitude: 63 m; 11/05/1985; /; / leg." CMD.
- **1** ♀ "Guyane Française: Saül, Layon Carbet Maïs; GPS: 3.60884N, -53.13268W; altitude: 180 m; 31/10/2024; HC (Hand Catch); Jérémie Lapèze & Elendil Cocchi leg." JLPZ.

Appendix 6 : ***Monecphora longitudinalis*** Lallemand, 1924 (**35** specimens)

- **1** ind. "Guyane Française: Saül; GPS: 3.62277N, -53.216043W; altitude: 200 m; 01/06/1983; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Risquetout; GPS: 4.905956N, -52.580763W; altitude: 50 m; 17/02/1985; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Dégrad saramaca; GPS: 5.013960N, -52.698012W; altitude: 17 m; 22/08/1987; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **7** ind. "Guyane Française: Piste de Bélizon; GPS: 4.244238N, -52.397345W; altitude: 120 m; 01/04/1995; LT (Light trap, mercury vapour lamps); Inconnu leg." CMD.
- **3** ind. "Guyane Française: Foret de Coralie; GPS: 4.495463N, -52.395143W; altitude: 50 m; 23/02/1998; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.

- **1** ind. "Guyane Française: Montagne des Singes, Kourou; GPS: 5.073959N, -52.699395W; altitude: 160 m; 24/03/2000; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Route de Petit Saut; GPS: 5.067803N, -52.998079W; altitude: 55 m; 17/02/2002; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Wayabo; GPS: 5.030331N, -52.621693 W; altitude: 25 m; 07/02/2005; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ♀ "Guyane Française: Mont Tabulaire, 300m, Réserve Naturelle de La Trinité; GPS: 4.610861N, -53.358896W; altitude: 300 m; 11/09/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♀ "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 20/09/2023; ALT (Automatic Light Trap); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♀ "Guyane Française: Station Aya; GPS: 4.602039N, -53.412499W; altitude: 103 m; 07/11/2018; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♀ "Guyane Française: Station Aya; GPS: 4.602039N, -53.412499W; altitude: 103 m; 08/11/2018; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♂ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 11/12/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1276" JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 11/12/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1289" JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 11/12/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1297" JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 11/12/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1527" JLPZ.
- **1** ♂ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 03/11/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1819" JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 03/11/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 06/10/2018; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **1** ♀ "Guyane Française: Route de Petit Saut, Carbet Maman Lézard; GPS: 5.067803N, -52.998079W; altitude: 55 m; 08/05/2021; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0952" JLPZ.
- **1** ♀ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 23/04/2023; HC (Hand Catch); Nino Page leg." JLPZ.
- **1** ♀ "Guyane Française: Espace Chawari; GPS: 5.095878N, -52.766125W; altitude: 66 m; 30/04/20219; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ0988" JLPZ.
- **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 28/08/2019; LT (Light trap, mercury vapour lamps); Jérémie Lapèze leg." JLPZ.
- **2** ♀ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 23/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♀ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 14/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♀ "Guyane Française: Réserve Naturelle Trésor; GPS: 4.610188N, -52.278815W; altitude: 250 m; 10/10/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.

Appendix 7 : ***Monecphora pallida*** Lallemand, 1924 (**35** specimens)

- **6** ind. "Guyane Française: Dégrad saramaca; GPS: 5.013960N, -52.698012W; altitude: 17 m; 20/01/1985; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Degrad Correze; GPS: 4.518268 N, -52.322305W; altitude: 25 m; 19/03/1988; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Crique Plomb, Petit Saut; GPS: 5.043244N, -52.960080 W; altitude: 100 m; 19/05/1993; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **6** ind. "Guyane Française: Piste de Bélizon; GPS: 4.244238N, -52.397345W; altitude: 120 m; 01/04/1995; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **5** ind. "Guyane Française: Foret de Coralie; GPS: 4.495463N, -52.395143W; altitude: 50 m; 11/01/1997; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Route de Kaw; GPS: 4.642848N, -52.299772W; altitude: 243 m; 26/07/1997; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **2** ind. "Guyane Française: Route de Petit Saut; GPS: 5.067803N, -52.998079W; altitude: 55 m; 29/01/2001; LT (Light trap, mercury vapour lamps); Michel Duranton leg." CMD.
- **1** ind. "Guyane Française: Montagne des Chevaux; GPS: 4.745346N, -52.432086W; altitude: 117 m; 24/05/2021; LT (Light trap, mercury vapour lamps); SEAG leg." JLPZ.
- **1** ind. "Guyane Française: Roche Dachine; GPS: 3.469076N, -53.226713W; altitude: 200 m; 25/10/2022; LT (Light trap, mercury vapour lamps); SEAG leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1851" JLPZ.
- **1** ♂ "Guyane Française: Mont Itoupé, 800m; GPS: 3.028465N, -53.076444W; altitude: 800 m; 11/01/2016; LT (Light trap, mercury vapour lamps); SEAG leg." JLPZ.
- **1** ♂ "Guyane Française: DZ Galbao; GPS: 3.601723N, -53.272084W; altitude: 700 m; 27/12/2022; LT (Light trap, mercury vapour lamps); Jérémie Lapèze, Elendil Cocchi & Nicolas Giraud-Audine leg." JLPZ.
- **1** ♂ "Guyane Française: Mont Tabulaire, 600m, Réserve Naturelle de La Trinité; GPS: 4.601602N, -53.360279W; altitude: 600 m; 20/09/2023; ALT (Automatic Light Trap); Jérémie Lapèze et al. (SEAG) leg." JLPZ.
- **1** ♂ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 23/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.

- **1** ♂ "Guyane Française: Montagne Kotika, DZ (700m); GPS: 3.943855N, -54.184783W; altitude: 700 m; 28/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." yellow label, barcoding projet :"BOLD MEMGU,JLPZ1829" JLPZ.
- **1** ♂ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 21/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **3** ♂ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 21/04/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 14/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.
- **1** ♂ "Guyane Française: Station de Paracou, Sinnamary; GPS: 5.274373N, -52.923670W; altitude: 36 m; 15/07/2023; LT (Light trap, mercury vapour lamps); Jérémie Lapèze et Nino Page leg." JLPZ.

Résumé

Lapèze J., 2025. – Quatre nouvelles espèces de cercopes de Guyane française dans les genres *Maxantonia* Schmidt, 1922 et *Catrimania* Fennah, 1968 (Hemiptera: Cercopoidea: Ischnorhinidae). *Faunitaxys*, 13(59) : 1 – 21.

Quatre nouvelles espèces de cercopes néotropicaux (Hemiptera : Cercopoidea : Ischnorhinidae) de Guyane française sont décrites et illustrées. Trois dans le genre *Maxantonia* Schmidt, 1922 : *M. dachinensis* **sp**. **n**., *M. durantoni* **sp**. **n**., *M. lactinea* **sp**. **n**. ; et une dans le genre *Catrimania* Fennah, 1968 : *C. arcada* **sp**. **n**. Le mâle de *Monecphora longitudinalis* Lallemand, 1924 est décrit et illustré pour la première fois. Des cartes montrent la distribution connue des nouvelles espèces et de deux espèces étroitement apparentées présentes dans la zone étudiée : *Catrimania albifascia* Paladini & Cryan, 2012 et *Maxantonia pallida* Lallemand, 1924. Les spécimens étudiés ont été collectés principalement à l'aide de pièges lumineux, lors d'expéditions de la SEAG (Société Entomologique Antilles-Guyane) ou lors de prospections personnelles, totalisant ainsi 270 spécimens. Une partie des spécimens examinés provient de la collection privée de Michel Duranton. Vingt spécimens ont été barcodés (BOLD, projet MEMGU, marqueur COI-5P), dont au moins un spécimen de chacune des sept espèces étudiées dans cet article. Les résultats des analyses moléculaires, ainsi qu'un arbre de classification, sont présentés. Les holotypes et une partie des paratypes des nouvelles espèces sont déposés au MNHN (Paris, France). Une liste des Ischnorhinidae de Guyane française est également présentée, répertoriant 30 espèces.

Mots-clés. – Hemiptera, Auchenorrhyncha, *Maxantonia*, *Catrimania*, taxonomie, nouvelle espèce, description, cercopes, CO1, ADN, barcode, Guyane française.

Derniers articles publiés

Chakrovorty A., Háva J. & Bhattacharjee B., 2025. – *Litargus* (*Litargosomus*) *arjanbasui* **sp**. **nov**.: A new species of hairy fungus beetle (Coleoptera: Tenebrionoidea: Mycetophagidae) from West Bengal, India. *Faunitaxys*, 13(46): 1 – 10. https://doi.org/10.57800/faunitaxys-13(46)

Cumming R.T. & Le Tirant S., 2025. – Golden *Orthomeria* Kirby, 1904; two new species with uncommon coloration (Aschiphasmatidae: Phasmatodea). *Faunitaxys*, 13(47) : 1 – 11. https://doi.org/10.57800/faunitaxys-13(47)

Ythier E., Chevalier J. & Lourenço W. R., 2025. – Cloud forest scorpions: a new species of *Guyanochactas* Lourenço, 1998 (Scorpiones, Chactidae) from Mount Itoupé in French Guiana. *Faunitaxys*, 13(48): 1 – 9. https://doi.org/10.57800/faunitaxys-13(48)

Huang J., Liu Z. & Di Z., 2025. – *Isometrus wenjieae* **sp**. **n**., a new species of the subgenus *Reddyanus* from China (Scorpiones: Buthidae). *Faunitaxys*, 13(49): 1 – 8. https://doi.org/10.57800/faunitaxys-13(49)

Barria M.D. & Franco-Salgado J., 2025. – Nueva especie Sudamericana de *Phyllophaga* (*Phytalus*) (Coleoptera: Scarabaeoidea: Scarabaeidae: Melolonthinae: Rhizotrogini) del nororiente de Ecuador. *Faunitaxys*, 13(50): 1 – 6. https://doi.org/10.57800/faunitaxys-13(50)

Dheurle C., 2025. – Description d'une nouvelle espèce du genre *Neocollyris* Horn, 1901 des Philippines (Coleoptera Cicindelidae). *Faunitaxys*, 13(51): 1 – 3. https://doi.org/10.57800/faunitaxys-13(51)

Qi Z.-H., Bian C.-Z., Xin F.-Y., Dang V. N., Song H.-T. & Liang G.-H., 2025. – A new subspecies of *Dorcus linwenhsini* Huang & Chen, 2013 from Northern Vietnam (Coleoptera: Lucanidae: Lucaninae). *Faunitaxys*, 13(52): 1 – 10. https://doi.org/10.57800/faunitaxys-13(52)

Xin F.-Y., Zhong X.-T. & Qi Z.-H., 2025. – Revealing a new subspecies of *Lucanus sericeus* Didier, 1925 (Coleoptera: Lucanidae) based on morphological comparison. *Faunitaxys*, 13(53): 1 – 13. https://doi.org/10.57800/faunitaxys-13(53)

Lin J.-Z., 2025. – Contribution to the taxonomic knowledge of the genus *Aesalus* Fabricius, 1801 (Coleoptera: Lucanidae), with description of a new species from Northern Taiwan. *Faunitaxys*, 13(54): 1 – 7. https://doi.org/10.57800/faunitaxys-13(54)

Sherwood D., Peyton J., Cairns-Wicks R., Fowler L., Geci D. & Balchin J., 2025. – Just the two of us: presence of a second species of non-native gecko of the genus *Hemidactylus* Goldfuss, 1820 (Squamata: Gekkonidae) confirmed on Saint Helena. *Faunitaxys*, 13(55): 1 – 5. https://doi.org/10.57800/faunitaxys-13(55)

Vives E., 2025. – Descripción de una nueva especie del genero *Mimocornuscoparia* Breuning, 1970, (Coleoptera, Cerambycidae, Lamiinae), procedente de Sulawesi, Indonesia. *Faunitaxys*, 13(56) : 1 – 3. https://doi.org/10.57800/faunitaxys-13(56)

Lourenço W. R. & Velten J., 2025. – One more new species of *Betaburmesebuthus* Lourenço, 2015 trapped in Burmite (Scorpiones: Palaeoburmesebuthidae). *Faunitaxys*, 13(57): 1 – 4. https://doi.org/10.57800/faunitaxys-13(57)

Lourenço W. R. & Velten J., 2025. – A second species for the remarkable genus *Palaeobutheolus* Lourenço, 2025 from Burmese Cretaceous amber, and confirmation of its association to the extant family Buthidae (Scorpiones: Buthoidea). *Faunitaxys*, 13(58): 1 – 5. https://doi.org/10.57800/faunitaxys-13(58)

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SOMMAIRE

Quatre nouvelles espèces de cercopes de Guyane française dans les genres *Maxantonia* Schmidt, 1922 et *Catrimania* Fennah, 1968 (Hemiptera: Cercopoidea: Ischnorhinidae).

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Four new species of spittlebugs from French Guiana of the genus *Maxantonia* Schmidt, 1922 and *Catrimania* Fennah, 1968 (Hemiptera: Cercopoidea: Ischnorhinidae).

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Illustration de la couverture :

SEAG team on the inselberg Roche Dachine (SEAG mission, October 2022). Left to right : Jérémie Lapèze, Pierre-Henri Dalens, Nino Page, Maëva Leroy, Serge Fernandez, Franck Sonzogni, Ombeline Sculfort.

Crédits:

Jérémie Lapèze : Fig. 1 - 13 & couverture.

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